

DOCUMENT RESUME

ED 037 060

EM 007 710

AUTHOR Bierschenk, B.
TITLE Television as a Technical Aid in Education and in Educational and Psychological Research: A Bibliography. Didakometry.
INSTITUTION School of Education, Malmo (Sweden). Dept. of Educational and Psychological Research.
REPORT NO R-24
PUB DATE Nov 69
NOTE 55p.
EDRS PRICE MF-\$0.25 HC-\$2.85
DESCRIPTORS *Audiences, Colleges, Doctoral Theses, *Educational Television, Elementary Schools, High Schools, Instructional Media, *Instructional Television, Media Research, *Research Tools, Teacher Education, Televised Instruction, *Television Research, Universities

ABSTRACT

This report is an annotated bibliography concerning television as a technical aid in education and in pedagogical and psychological research. The main stress is placed on English and German dissertations from the period 1962 to 1969. A third section includes some other published material in the English language. The sub-sections of the three main categories are as follows: instructional television in elementary and high schools; instructional television in college and university; instructional television in teacher training; television as a special research instrument in educational and psychological research; attitudes toward instructional television and educational television; educational television; television: handbooks and technology; television: surveys and bibliographies. Three indexes, of special abbreviations, of standard abbreviations of periodicals, and of authors alphabetically with all of their contributions, are appended. (MM)

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE
PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS
STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION
POSITION OR POLICY.

ED037060

DEPARTMENT OF
EDUCATIONAL AND
PSYCHOLOGICAL RESEARCH
SCHOOL OF EDUCATION
MARINE SYSTEMS

Communications should be addressed to

Department of Educational and Psychological Research

School of Education

Fack

200 45 Malmö 23

Sweden

Director: Åke Bjerstedt

TELEVISION AS A TECHNICAL AID IN EDUCATION AND IN PEDAGOGICAL AND PSYCHOLOGICAL RESEARCH: A BIBLIOGRAPHY

Abstract. - The report is a bibliographic account concerning television as a technical aid in education and in pedagogical and psychological research. The main stress in this bibliography lies on English and German dissertations from the period 1962 to 1969. To some extent other published material in the English language is also included.

INTRODUCTION

At the beginning of the fifties teachers and organizers of educational systems welcomed television as an invaluable aid for education by means of which one might be able to take care of the constantly growing number of students.

Today the development of closed-circuit television systems and video-tape-recorders permits the use of these technical aids in schools, colleges and universities. Furthermore, they are utilized in many different fields of education and in pedagogical and psychological research.

A permanent increase of the flow of published material difficult to survey shows the great interest among educators, educational organizers and research workers in this new medium.

On this subject a series of bibliographies have been published (cf. 1.8 and 3.8 in this report).

By studying informative material concerning a specified research problem for which an extensive literature is available, for example the literature on television, one realizes that one's studies of literature must be restricted in some way or other, because otherwise one might get lost in the immense flow of published material. Usually the information one gets from bibliographies is very poor as regards the contents behind the titles. One may want to know more about the publication: is it for example a contribution to the general discussion or is it perhaps a dissertation? To receive such information would indeed be an advantage to one's study of literature.

The purpose of this report is above all to give a survey of dissertations in the English and German language since 1962, usually not within easy reach. To some extent other published material in the English language is also included.

Only to a very limited extent has German literature on this subject been taken into consideration, because there is a comprehensive and periodically published bibliography in German obtainable from the "Dokumentationsstelle des Internationalen Zentralinstituts für das Jugend- und Bildungsfernsehen" (8 München 2, Rundfunkplatz 1, Germany).

The published material included in this report has been divided into three main categories:

1. Dissertations (English)
2. Dissertations (German) .
3. Other published material (English).

Each main category is subdivided into the following sub-sections.

1. Instructional Television (ITV) in Elementary and High School
2. Instructional Television (ITV) in College and University
3. Instructional Television (ITV) in Teacher Training
4. Television (TV) as a Special Research Instrument in Educational and Psychological Research
5. Attitudes toward Instructional Television (ITV) and Educational Television (ETV)
6. Educational Television (ETV)
7. Television: Handbooks and Technology
8. Television: Surveys and Bibliographies.

The dissertations and articles incorporated in these subcategories are alphabetically arranged in accordance with the author's family name. The author's first name is indicated by means of initials. In the case of a female author the first name is written in full. In addition, as long as the source material has made it possible, the papers and articles are provided with the names of the institutions from which these works are obtainable and their order numbers.

To facilitate the use of this bibliography, three indexes have been included. One lists general abbreviations, another the accepted abbreviations of the periodicals cited. The third index is alphabetically arranged according to authors. If a publication has two or more authors, only the name of the first author on the title-page is included.

Under the name of each author are to be found references to the different sections in which one or several publications by him have been listed. Thus it is fairly easy to get a general idea of what each author in this bibliography has contributed to the problems of educational television.

I want to express my gratitude to Mr. Bengt-Olof Ljungberg for his assistance in the examination of the source material and the alphabetical arrangement of the titles, and to Mrs. Ann-Kristin Larsson and Mrs. Alice Pertzig for typing the manuscript.

1. DISSERTATIONS (ENGLISH)

1.1. INSTRUCTIONAL TELEVISION (ITV) IN ELEMENTARY AND HIGH SCHOOL

- Allen, Helen M. A study of the effectiveness of teaching folk dances by TV to third and fourth grade children. (New York University), Order No. 67-11135, 1967.
- Berger, E. J. An investigation of the effectiveness of TV-ed presentations of self-contained TV-adapted lessons on enrichment topics in mathematics. (University of Minnesota), Order No. 62-3074, 1962.
- Burnett, Lucille Smith. Instructional TV in Georgia. (University of Southern Mississippi), Order No. 65-759, 1964.
- Carle, W. M. Regional production, distribution and utilization of Instructional TV programs: a critical assessment. (The Ohio State University), Order No. 67-2424, 1966.
- Carner, R. L. An evaluation of teaching reading to elementary pupils through CCTV. (Syracuse University), Order No. 62-1092, 1961.
- Decker, M. G. The differential effects upon the learning of the natural sciences by fifth graders of two modes of teaching over TV and in the classroom. (Boston University School of Education), Order No. 66-201, 1965.
- Dietmeier, H. J. The effect of the integration of science teaching by TV on the development of scientific reasoning in the fifth grade student. (Boston University School of Education), Order No. 61-6261, 1961.
- Entorf, J. F. An experiment to determine the effectiveness of video-taped CCTV in teaching selected woodworking units. (Texas A and M University), Order No. 67-16456, 1967.
- Furrer, F. H. Classroom type TV programs, a variable in the public relations activity of a Pennsylvania second-class public school district. (The Pennsylvania State University), Order No. 62-2633, 1961.
- Geddes, Dorothy C. The use of TV in teaching tenth year mathematics: The effectiveness of teaching tenth year mathematics by a combined method of instruction by TV and a classroom teacher as compared with the traditional method of instruction by a single classroom teacher. (New York University), Order No. 62-1418, 1961.
- Hilton, L. Tele-learning - an educational innovation: the emergence of practices and procedures in its use for increasing educational opportunities in West Milford Township, New Jersey. (Columbia University), Order No. 65-10044, 1965.
- House, R. E. Some of the factors involved in the successful use of instructional TV to teach science in the third, fourth and fifth grades. (University of Southern California), Order No. 64-13526, 1964.
- Jantzen, V. W. The effectiveness of TV teaching of American government compared with regular classes in Wichita High School South. (The University of Oklahoma), Order No. 63-6035, 1963.
- Kelley, C. F. The efficacy of TV in the schools. (University of Virginia), Order No. 65-3967, 1964.
- Knight, G. E. The identification of obstacles to acceptance and utilization of TV instruction at the secondary level. (The University of Nebraska Teachers College), Order No. 67-3434, 1966.

- Kuipers, R. H. A comparison of student perceptions of TV-ed and conventional instruction. (Wayne State University), Order No. 62-912, 1961.
- Lemke, Olga M. The utilization of TV instruction in guidance at the sixth-grade level. (Boston University School of Education), Order No. 62-5552, 1962.
- Lindeman, L. R. Recommendations for an audio-visual program for the State of Utah. (Brigham Young University), Order No. 65-9591, 1965.
- Luminati, C. E. An evaluation of the audio-visual instructional materials program in the public schools of Great Neck, New York: with recommendations for the improvement of existing services and facilities. (New York University), Order No. 64-288, 1963.
- Matteoni, Louise. TV cartoons in initial reading experiences with culturally deprived children. (New York University), Order No. 67-11115, 1967.
- Mc Arthur, J. B. A comparative study of student retention of learning of world history taught by TV. (Wayne State University), Order No. 67-10483, 1966.
- Morgan, J. D. An investigation of pupil achievement by objective tests in the Washington County CCTV project. (Columbia University), Order No. 63-2274, 1962.
- Morrill, R. E. The organization and administration of Instructional TV in California. (University of California, Berkeley), Order No. 66-15314, 1966.
- Nazarian, J. A comparative study of the achievement of college students of different levels of mathematical aptitude using CCTV, and a lecture-recitation method of instruction. (New York University), Order No. 67-11118, 1967.
- Nelson, R. J. Relationships of reported TV viewing to selected characteristics reported by superior high school students. (The University of Wisconsin), Order No. 63-7658, 1963.
- Otto, F. R. An assessment of three approaches to staffing and implementing the elementary foreign language program. (The University of Wisconsin), Order No. 66-9951, 1966.
- Planine, C. M. Major factors which limit or restrict the use of instructional TV in schools. (Indiana University), Order No. 67-16426, 1967.
- Plese, E. R. A comparison of videotape replay with a traditional approach in the teaching of selected gymnastic skills. (The Ohio State University), Order No. 68-3054, 1967.
- Quirk, Sister M. R. An analysis of the use of audio-visual materials in Catholic elementary schools. (The Catholic University of America), Order No. 65-7863, 1965.
- Rayburn, J. G. An investigation of the classroom utilization of Educational TV and the stated attitudes of administrators and teachers toward ETV in the public schools of Tuscaloosa County, Alabama. (University of Alabama), Order No. 66-11376, 1966.
- Shepherd, G. D. A comparison of the achievement of aural recognition in Spanish by third-year primary pupils when either radio or TV is utilized as the instructional medium. (The University of Oklahoma), Order No. 64-8973, 1964.

Skinner, R. An experimental study of the effects of different combinations of TV presentations and classroom teacher followup on the achievement and interest in science of fifth graders. (Kent State University), Order No. 67-9429, 1966.

Welliver, P. W. The effect of TV instruction on the attainment of the objectives of a new state-adopted ninth grade physical science course during its introductory year. (The Pennsylvania State University), Order No. 66-8765, 1965.

1. 2. INSTRUCTIONAL TELEVISION (ITV) IN COLLEGE AND UNIVERSITY

Alexander, J. P. Teaching fact vs. opinion in secondary mass media instruction. (University of California, Los Angeles), Order No. 67-9027, 1967.

Capen, R. D. The effectiveness of an interaction technique using guided student responses in the TV-ed instruction of two units of work in a psychology of learning course. (The University of Connecticut), Order No. 66-827, 1965.

Croft, W. F. CCTV as a medium for teaching introductory physical science at Central Connecticut State College. (The University of Connecticut), Order No. 67-4538, 1966.

Dunathan, A. T. A study of decision-factors in the utilization of CCTV for instruction in higher education. (University of Utah), Order No. 67-17378, 1967.

Law, G. An examination of various uses of TV as a medium of instruction. (Washington State University), Order No. 68-705, 1967.

Lorenz, R. B. A comparison of two modes of presentation (traditional: tape recorded) under two conditions of preparation (listening training no listening training) in a basic audiovisual course. (Syracuse University), Order No. 66-9856, 1966.

Mc Grath, H. M. The effectiveness of CCTV as an instructional medium for lecture presentation of an introductory business survey course (Research study No. 1). (Colorado State College), Order No. 65-244, 1964.

Miller, T. E. An analysis of teacher competences needed for the use of Instructional TV as related to other competencies needed by the elementary classroom teacher. (Indiana University), Order No. 64-5134, 1963.

Patty, A. H. A comparison of the relative effectiveness of teaching composition by CCTV and by conventional classroom procedures. (Oregon State University), Order No. 67-5405, 1967.

Pethtel, R. D. A comparative analysis of the effect of TV instruction on achievement in a college mathematics course for elementary teaching majors. (Indiana University), Order No. 67-16425, 1967.

Rich, O. S. A study of comparative effectiveness and acceptance of Eidophor large screen TV for college level instruction. (The Pennsylvania State University), Order No. 64-1412, 1963.

Ronald, T. G. Ascertaining the feasibility of utilizing Instructional TV to augment the teacher preparation program in the Auburn University School of Education. (Auburn University), Order No. 67-2932, 1967.

Smith, Mary H. Use of TV in higher education. (New York University), Order No. 65-6590, 1964.

- Tiemann, P. W. Outcomes in a TV-ed college economics course with variable student knowledge of objectives. (University of Illinois), Order No. 68-8247, 1967.
- Walton, Norma R. A pilot study of student attitudes in a CCTV course by use of stimulated recall. (Michigan State University), Order No. 63-6169, 1963.
- Wylie, D. G. The relationship of fifty learner variables to achievement in a university freshman course taught both face-to-face and by CCTV. (Michigan State University), Order No. 68-4238, 1967.

1.3. INSTRUCTIONAL TELEVISION (ITV) IN TEACHER TRAINING

- Cook, T. G. A study of in-service education programs for classroom teachers utilizing Instructional TV in selected public schools in Michigan. (Michigan State University), Order No. 65-1723, 1964.
- Cooksey, H. B. Evaluation of an in-service education program for English teachers. (The University of Texas), Order No. 65-8436, 1965.
- De Viney, R. D. An evaluation of CCTV observation for students taking certain courses in elementary education. (North Texas State University), Order No. 63-1412, 1962.
- Grant, Inez M. Toward a model for in-service teacher education in the use of Instructional TV in areas of isolation and insularity. (Indiana University), Order No. 68-4724, 1967.
- Green, G. F., Jr. The effectiveness of a correspondence-study method for teaching mathematics to in-service elementary school teachers using programed instruction and TV. (The Florida State University), Order No. 68-354, 1967.
- Hassouna, M. M. A proposed in-service program in audiovisual education for teachers in industrial schools in Cairo, Egypt. (Indiana University), Order No. 62-5780, 1962.
- Hunter, Madeline. Learning gains of programed vs. live instruction in the education of teachers in two content areas of educational psychology. (University of California, Los Angeles), Order No. 67-539, 1966.
- Johnson, Rita B. Product research: Teacher training by programmed videotape. (University of California, Los Angeles), Order No. 67-5989, 1966.
- Kearney, W. An investigation of the audiovisual instructional materials services at 32 selected private colleges-with recommendations for a project model program of audiovisual service for these colleges. (New York University), Order No. 62-5337, 1962.
- La Penna, R. J. A study to effect the design, implementation and evaluation of a model program for in-service training concerned with the effective utilization of Instructional TV by classroom teachers. (Lehigh University), Order No. 68-4893, 1967.
- Mac Phail, N. B. The effect of TV training on the quality of lesson presentation. (George Peabody College for Teachers), Order No. 62-5680, 1962.
- May, L. L. A study of the relationships between achievement on a complex visual-auditory learning task and certain selected variables. (University of Alabama), Order No. 64-9125, 1963.
- Mizer, O. J. A study of the use of tape recordings as a substitute for classroom observations in teacher education. (State University of Iowa), Order No. 64-11032, 1964.

- Murphy, Beatrice S. A case study of the early stages of CCTV for observation of practice by pre-service students in teacher education at East Texas State College. (Columbia University), Order No. 65-4742, 1964.
- Plimpton, H. W., Jr. The development and evaluation of audiovisual techniques to acquaint high school students with opportunities available in the private colleges in Oregon. (Oregon State University), Order No. 64-7427, 1964.
- Springman, D. B. Secondary-teacher majors: Classroom observations by audio-video-tape devices. (Western Reserve University), Order No. 66-5216, 1965.
- Sykes, R. E. The effectiveness of CCTV observation and of direct observation of children's art classes for implementing elementary teachers' training in art education. (The Pennsylvania State University), Order No. 64-10799, 1964.
- West, L. C. Effectiveness of a TV-correspondence-study method of in-service teacher education. (The University of Florida), Order No. 62-730, 1961.
- Worrall, R. P. The use of TV for instruction in adult education. (Michigan State University), Order No. 65-8415, 1965.

1.4. TELEVISION (TV) AS A SPECIAL RESEARCH INSTRUMENT IN EDUCATIONAL AND PSYCHOLOGICAL RESEARCH

- Abbott, W. P. An experimental study of self-confrontation in counseling. (University of Southern California), Order No. 65-9959, 1965.
- Acheson, K. A. The effects of feedback from TV recordings and three types of supervisory treatment on selected teacher behaviors. (Stanford University), Order No. 64-13542, 1964.
- Ady, R. W. A comparison of two review methods utilizing automated stimuli control. (The University of Wisconsin), Order No. 64-10200, 1964.
- Allred, J. D. A study of the comparative effectiveness of three methods of teaching the operation of selected audio visual equipment. (The University of Oklahoma), Order No. 67-11994, 1967.
- Baldwin, T. F. Redundancy in simultaneously presented audio-visual message elements as a determinant of recall. (Michigan State University), Order No. 67-7516, 1966.
- Barron, B. G. An investigation of the effect of videotape microteaching technique on "openness" in students enrolled in an elementary language arts methods course. (University of Southern Mississippi), Order No. 68-2926, 1967.
- Behmer, D. E. An experiment in teaching a unit of English grammar by CCTV with a visual technique for teaching syntax as a variable. (Western Reserve University), Order No. 65-2311, 1964.
- Coldwell, M. J. A study of the teacher stereotype: the image of Mr. Novak as seen by undergraduate teacher candidates and practicing professional teachers. (University of Southern California), Order No. 67-8006, 1967.

- Coody, Betty F. D. A study of the impact of demonstration teaching on experienced and inexperienced teachers under various supervisory conditions. (The University of Texas), Order No. 67-14815, 1967.
- Copeland, J. B. An investigation of four TV teaching feedback techniques via a Closed Circuit System. (The University of Wisconsin), Order No. 66-13778, 1966.
- Eboch, S. C. A process and systems structure for the field of audio-visual communication. (University of Southern California), Order No. 62-6049, 1962.
- Edinger, L. V. The effectiveness of TV teaching in developing pupil skills of listening comprehension and critical thinking. (The University of North Carolina at Chapel Hill), Order No. 65-9007, 1964.
- Ferdun, Edrie M. An exploratory study of the relationship between visual representation and initial performance of selected movement sequences. (University of Southern California), Order No. 68-1677, 1967.
- Ford, Marguerite P. The relationship of auditory-visual and tactual-visual integration to intelligence and reading achievement. (Columbia University), Order No. 67-10581, 1967.
- Freed, D. W. Variables in self-instruction materials designed to teach the operation of audio-visual equipment. (The Pennsylvania State University), Order No. 64-1392, 1963.
- Gaffga, R. M. Simulation: A method for observing student teacher behavior. (The University of Tennessee), Order No. 68-3739, 1967.
- Gaughan, G. P. An analysis of the content of preliminary teacher selection interviews. (Rutgers- The State University), Order No. 68-8643, 1967.
- Hardenbrook, R. F. Identification of processes of innovation in selected schools in Santa Barbara County. (University of Southern California), Order No. 68-1192, 1967.
- Hitchens, H. B., Jr. A study of the relationship of student dogmatism, attitude toward subject matter and instructional procedure in a basic audio-visual course. (Syracuse University), Order No. 65-4688, 1964.
- Holtom, Carolyn M. Some effects of peer rated feedback on counselor candidates. (The University of Michigan), Order No. 65-5320, 1964.
- Jenkins, K. F. An exploratory study of learning and retention in general science classes utilizing the MPATI telecast course. "Investigating the world science". (Purdue University), Order No. 64-8673, 1964.
- Kaplan, R. Teaching problem-solving with TV to college freshmen in health education. (The Ohio State University), Order No. 63-2514, 1962.
- Kelly, J. W. An analysis and evaluation of a coordinated master-teacher program in social studies and in science at the fifth-grade level. (Fordham University), Order No. 68-3718, 1967.
- Kerber, J. E. Study of selected student teachers and modifications of their self-concept through use of portable video tape recordings. (Wayne State University), Order No. 68-2094, 1967.
- Kriebs, J. O. The effect of videotaped elementary school science classroom demonstrations on science teaching performance of preservice teachers. (Temple University), Order No. 67-11429, 1967.

- Mac Graw, F. M. The use of 35 mm. time lapse photography as a feedback and observation instrument in teacher education. (Stanford University), Order No. 66-2516, 1965.
- Martin, Carol L. Video tape analysis of three variations in supervised counseling practicum experience. (University of Georgia), Order No. 67-3569, 1966.
- Mayers, A. E. The effect of student location and teacher role on learning from Instructional TV. (Stanford University), Order No. 66-2591, 1965.
- Meier, W. H. Visual feedback as a means of influencing teacher behavior. (University of California, Los Angeles), Order No. 67-6915, 1966.
- Minskoff, Esther H. Verbal interactions of teachers and mentally retarded pupils. (Yeshiva University), Order No. 67-9669, 1967.
- Moosally, Beatrice T. The effects of delayed reinforcement in programmed instruction with kindergarten children. (University of Minnesota), Order No. 67-10433, 1967.
- Olivero, J. L. Video recordings as a substitute for live observations in teacher education. (Stanford University), Order No. 65-2886, 1964.
- Pagano, A. V. A study of the effectiveness of a programmed course in contemporary algebra adapted for presentation via CCTV. (The Pennsylvania State University), Order No. 65-6761, 1964.
- Pepperman, C. W. Effects upon counselors of the video-tape recorder used in the counseling practicum. (The Pennsylvania State University), Order No. 68-3556, 1967.
- Pinto de Lemos, Thereza P. An exploratory study of the effects of a feedback condition on counseling interviews with seventh graders. (The University of Wisconsin), Order No. 63-5740, 1963.
- Reynolds, G. W., Jr. The usefulness of the portable video recorder in supervising student teachers of science. (The Ohio State University), Order No. 66-15125, 1966.
- Roulx, R. K. Physiological effects of tape recording on supervised counselors. (University of Massachusetts), Order No. 67-6947, 1967.
- Schlater, R. W. Effect of speed of presentation and irrelevant cues on recall of TV messages. (Michigan State University), Order No. 67-7602, 1966.
- Smagorinsky, M. P. An experimental study of oral feedback in a psychology course taught by CCTV and by conventional methods. (Michigan State University), Order No. 65-14275, 1965.
- Tuttle, E. A. Description of a selected supervisory style in conducting conferences with student teachers. (Columbia University), Order No. 68-2446, 1967.
- Unruh, W. R. The modality and validity of cues to lecture effectiveness. (Stanford University), Order No. 68-6501, 1967.
- Ward, G. R. Educating counselors by videotapes using the interpersonal process recall technique. (Michigan State University), Order No. 66-6179, 1965.
- Wick, D. T. A study of learning from TV when picture quality is deficient. (East Texas State University), Order No. 67-1539, 1966.

Wright, D. L. A study of the effect of selected types of training and feedback on the verbal behavior and attitudes of teachers. (Temple University), Order No. 68-9035, 1967.

Young, D. B. The effectiveness of self-instruction in teacher education using modelling and video-tape feedback. (Stanford University), Order No. 68-6518, 1967.

1. 5. ATTITUDES TOWARD INSTRUCTIONAL TELEVISION (ITV) AND EDUCATIONAL TELEVISION (ETV)

Bickel, R. F. A study of the effect of TV instruction on the science achievement and attitudes of children in grades four, five and six. (Syracuse University), Order No. 65-3447, 1964.

Eltogby, H. H. Survey of opinions of faculty members in the Teachers colleges in Egypt regarding the potential use of TV in teacher education. (Indiana University), Order No. 63-3818, 1962.

Hennes, J. D. Attitudes toward Instructional TV as a function of social interaction and resistance to innovation. (University of Illinois), Order No. 67-6629, 1966.

Karns, E. A. Teacher and pupil attitudes, toward textbooks and Instructional TV as authoritative sources of information in sixth grade social studies. (Kent State University), Order No. 67-9422, 1966.

Muntone, J. C. The effects of variables in Instructional TV on acquisition of information and attitudes. (The Pennsylvania State University), Order No. 63-4013, 1962.

Patron, Josefina S. Teacher opinions concerning some aspects related to classroom utilization of Instructional TV with suggestions for teacher preparation in this area. (Indiana University), Order No. 65-2387, 1964.

Tillotson, J. H. Opinions of pupils parents, teachers and principals regarding TV-ed instruction (Volumes I-III). (University of South Carolina), Order No. 67-4304, 1964.

Weldon, E. S., Jr. Effects of a TV course on attitudes of a selected group of teachers. (The University of Florida), Order No. 62-6553, 1962.

White, Marjorie J. A. A study of the change of achievement and attitudes toward arithmetic by prospective elementary school teachers under the conditions of TV. (Wayne State University), Order No. 64-5114, 1963.

1. 6. EDUCATIONAL TELEVISION (ETV)

Adams, Mary L. Instructional needs of elementary teachers in teaching reading with implications for TV-ed in-service education. (The University of Florida), Order No. 63-2653, 1962.

Ahlman, Mirjam H. A study of related policies and practices in the provision of radio and TV in-school broadcast service by New York State public school systems in 1957-58. (New York University), Order No. 66-9452, 1966.

- Barson, J. TV teachers: a comparative analysis of criteria for their selection in the Detroit public schools. (Wayne State University), Order No. 62-3865, 1962.
- Bergsma, S.K. The relationship of selected school district characteristics to the use of Educational TV in Michigan High School districts. (Michigan State University), Order No. 64-4936, 1963.
- Burns, J. W. An exploratory study of assumed attention given to audio and visual elements in an elementary science TV series. (Wayne State University), Order No. 67-649, 1966.
- Carnochan, J. L., Jr. Experiences in organizing new learning situations in smaller secondary schools through the use of Educational TV. (Columbia University), Order No. 64-1467, 1963.
- Christenson, V. J. The early development of the Nebraska Council for Educational TV, Inc: 1960 - 1965. (The University of Nebraska Teachers College), Order No. 67-9827, 1967.
- Daniels, W. F. Audio-visual services of selected school corporations in Indiana. (Indiana University), Order No. 65-3473, 1964.
- Doran, P. C. A comparison of programmed selftesting inventories in TV-ed college health instruction. (Southern Illinois University), Order No. 67-3153, 1966.
- Esmond, D. Training needed to prepare teachers as communicators in Educational TV: curricular implications. (University of Southern California), Order No. 64-12472, 1964.
- Gogo, G. A. Teacher-pupil perceptions regarding Educational TV in selected metropolitan area elementary schools. (The University of Michigan), Order No. 67-1746, 1966.
- Gross, I. M. Teaching art through the TV medium: a guide to the methods and materials of teaching art on the elementary school level through Educational TV. (New York University), Order No. 64-281, 1963.
- Gross, L. S. An assessment of the effectiveness of teacher study guides used in conjunction with educational TV lessons. (University of California, Los Angeles), Order No. 68-8773, 1968.
- Gunther, W. J. A study of informed opinion related to the TV teacher of foreign languages in elementary schools. (Rutgers - The State University), Order No. 66-12072, 1966.
- Herbst, H. R. The development of Educational TV Station KLRN-TV and its utilization in the schools of central Texas. (The University of Texas), Order No. 67-14787, 1967.
- Houk, Marian Mixon. The contributions of four national organizations to the development of Educational TV in the United States. (The American University), Order No. 64-2437, 1963.
- Jackim, H. L. A proposed Educational TV system for the Corning City school district. (New York University), Order No. 62-3297, 1962.
- Kerns, H. V. A descriptive study of the development and presentation of an in-school TV program for the in-service education of junior high school science teachers. (Auburn University), Order No. 63-891, 1962.
- Mahmoudi, K. M. The relationship between "Authoritarianism" and attitude toward Educational TV. (Indiana University), Order No. 63-3845, 1963.

- Manwaring, J. L. School vision screening in Illinois. (Research study No. 1) (Colorado State College), Order No. 65-14821, 1965.
- Munson, A., Jr. An analysis of educational TV in-service telecasts for elementary teachers. (The University of Nebraska Teachers college), Order No. 66-11745, 1966.
- Nash, A. H. A descriptive study of Educational TV stations operated by State Universities in the USA. (The University of Michigan), Order No. 64-12653, 1963.
- Rapp, W. E. Tele-lecture in-service instruction: teaching regular classroom teachers about mental retardation utilizing tele-lecture instruction. (Research study No. 1). (Colorado State College), Order No. 65-4778, 1964.
- Reese, H. J. A reflective approach to the teaching of American history using the TV medium. (Indiana University), Order No. 65-409, 1964.
- Rowe, R. C. Development of TV and its potential role in the State University of New York. (Michigan State University), Order No. 66-6166, 1965.
- Sahar, H. A comparative study of Educational TV in selected developing countries and its relevance to the similar use of TV in Afghanistan. (New York University), Order No. 68-4796, 1967.
- Stephens, Darleen Bell. Evaluating three ways of using a TV-ed dental information program with parents of preschool children. (George Peabody College for teachers), Order No. 61-5829, 1961.
- Stevens, H. A profile of Educational TV curriculum planning for secondary schools (grades 7-12). (The University of Buffalo), Order No. 62-5222, 1962.
- Winfield, K. A summary of reported research studies dealing with selected mass media of communication, and the implications of the findings for school-community relations programs. (Temple University), Order No. 66-680, 1965.
- Zetl, H. L. The use of TV in adult education: research evidence and theoretical considerations. (University of California, Berkeley), Order No. 66-8428, 1966.

1.7. TELEVISION: HANDBOOKS AND TECHNOLOGY

- Cosgrove, P. J. An administrators guide to the material and equipment for the utilization of TV as an educational medium with special reference to the use of CC and educational TV in New York State. (New York University), Order No. 65-7310, 1965.

1.8. TELEVISION: SURVEYS AND BIBLIOGRAPHIES

- Blackburn, H. L. The extent of use of radio and TV facilities for school public relations programs as reported by selected schools. (University of Kansas), Order No. 62-127, 1961.
- Meyer, R. J. The development of Educational TV Councils in New York State. (New York University), Order No. 68-6160, 1967.

- Monroe, Florence Mae. The development of the New York City Board of Education regularly scheduled broadcast service from 1938 to 1964. (New York University), Order No. 67-11116, 1967.
- Pollock, E. W. TV broadcasting at the University of Michigan. (The University of Michigan), Order No. 67-8329, 1966.
- Roman, A. V. The historical development of color TV systems, a review of the application of color TV in the non-entertainment areas and a comprehensive, indexed and analytical bibliography (Volumes I-III) (New York University), Order No. 67-11145, 1967.
- Ruffing, C. S. A study of the form and function of Instructional TV curriculum committees. (Michigan State University), Order No. 68-4206, 1967.
- Stickell, D. W. A critical review of the methodology and results of research comparing TV-ed and face-to-face instruction. (The Pennsylvania State University), Order No. 64-1419, 1963.
- Vera, J. M. de. Educational TV in Japan. (University of Michigan), Order No. 67-15612, 1967.

2. DISSERTATIONS (GERMAN)

2.1. INSTRUCTIONAL TELEVISION (ITV) IN ELEMENTARY AND HIGH SCHOOL

König, L. Die Entwicklung neuer Lehrmittel für die experimentelle Behandlung des Fernsehens. Ein Beitrag zur methodischen Gestaltung des Physikunterrichts. (Technische Universität Dresden). Technische Universität, Dresden, 1965.

2.6. EDUCATIONAL TELEVISION (ETV)

Bauer, H. Untersuchungen zur didaktisch-methodischen Gestaltung von Sendungen des Bildungsprogramms des Deutschen Fernschfungs und Empfehlungen für die Gestaltung solcher Sendungen. (Universität Dresden). Universität, Dresden, 1967.

Beckert, F. Fernsehspiel-Erleben und Persönlichkeit. Versuch einer psychologisch-pädagogischen Grundlegung. (Universität Leipzig). Universität, Leipzig, 1962.

Debl, H. Probleme und Möglichkeiten der ländlichen Erwachsenenbildung. Unter Berücksichtigung des Fernsehens. Dargest. an einer empirischen Untersuchung über die Arbeit der Volkshochschulen u. Volksbildungswerke d. Bayer. Waldes. (Universität München, Phil. Fakultät). Universität, München, 1963.

Glatzer, D. Das Fernsehen als Mittel sozialistischer Erwachsenenbildung. (Partei-Hochschule "Karl Marx", Berlin). Partei-Hochschule "Karl Marx", Berlin, 1963.

Herzig, M. Probleme des Verhältnisses von Fernsehen und Geschichtsunterricht. Unter der Berücksichtigung des Schülerprogramms des Deutschen Fernschfungs. (Universität Greifswald). Universität, Greifswald, 1967.

Reinisch, L. (Hrsg.), Fernsehen-heute und morgen. Eine Institution im Kreuzfeuer der Meinungen; Referate und Diskussionen vom 5. Internationalen Kulturkongress der Landeshauptstadt München 1962. (Universität München). Gütersloh, 1962.

Setzen, K. Soziale Faktoren der Fernsehinformation. (Universität Münster). Universität, Münster, 1965.

2.8. TELEVISION: SURVEYS AND BIBLIOGRAPHIES

Eckert, G. Fernsehen, 10 Jahre, in Deutschland. Dokumentation, Analyse, Kritik. (Verlag für Funk- und Fernsehpublizistik). Verlag für Funk- und Fernsehpublizistik, Frankfurt am Main, 1963.

3. OTHER PUBLISHED MATERIAL (ENGLISH)

3.1. INSTRUCTIONAL TELEVISION (ITV) IN ELEMENTARY AND HIGH SCHOOL

- Almstead, F.E. & Graf, R.W. Another image of classroom television. AV Instr., 1962, 7, 284-285.
- Altenhein, M.R. & Maybury, M.W. Preparation of a closed-circuit television lesson. Peabody J. Educ., 1963, 41, 164-168.
- Anastasow, N.J. & Espinosa, Iraidia B. Development of a Spanish listening comprehension test and evaluation of the elementary Spanish instruction. California J. educ. Res., 1966, 17, 12-21.
- Andrade, M. et al. Measurement of speaking skills in elementary level Spanish instruction. Denver-Stanford project on the context of instructional TV. Report No. 9. ERIC. ED 018153, 1968.
- Barnes, D.L. Television in the classroom: teachers' views. Elem. Sch. J., 1965, 5, 258.
- Barrington, H. A survey of instructional television. Educ. Res., 1965, 8, 8-25.
- Broyles, G.E. Classroom television in Tucson. Ariz. Teacher, 1962, 50, 16-18.
- Cameron, C.C. Five schools linked together for TV teaching. J. med. Educ., 1959, 34, 1077-1081.
- Carle, A. Instructional television and the classroom teacher. Teachers Coll. J., 1963, 34, 186-188.
- Cobrun, T.C. Are you teachers good in the classroom but duds on TV? Nations Sch., 1965, 75, 82.
- Creshkoff, L. Closed-circuit television in school and community: The Chelsa project. J. Soc. Motion Pict. TV Engineers., 1959, 68, 764-768.
- Davis, R.H. & Johnson, F.C. Evaluation of regular classroom lectures distributed by CCTV to campus and dormitory classroom. Final report. ERIC. ED 021468, 1969.
- Deogh, R.N. Instructional TV programming in the biological sciences: A restructured format. ERIC. EP 011432, 1969.
- Diamond, R.M. Single room television. AV Instr., 1961, 6, 526-527.
- Duvall, W.C. School TV studio as an audiovisual tool. AV Instr., 1961, 6, 450-451.
- Edward, Sister Mary. Closed circuit TV in high school. Cath. Sch. J., 1962, 62, 25-27.
- Fritz, J.O. & Massaias, B.G. Instructional television and the classroom teacher. AV Comm. Rev., 1964, 12, 5-15.
- Gordon, M.J. Third grade television-classroom articulation program. J. Speech Hear. Dis., 1960, 25, 398-404.
- Grills, J. Where and when of TV and the teaching of English. Teachers Coll. J., 1962, 34, 23-26.

- Guba, E. G. & Snyder, C. A. Instructional television and the classroom teacher. AV Comm. Rev., 1965, 13, 5-27.
- Guzniczak, H. E. Closed-circuit television in the elementary school. Amer. Sch. Bd J., 1962, 145, 15-16.
- Hennes, J. D. et al. The Illinois TV project for the gifted, a combined experimental. .to. .demonstrate TV enrichments units for students at upper elementary level. ILL-E/D-Proj-E14. ERIC, ED 018031, 1968.
- Humphrey, J. W. The effect of a summer TV reading program on the reading achievement of children. Final report. ERIC, ED 016566, 1968.
- International Central Institution for Youth and Educational TV (Ed.). Instructional television in Germany. ERIC, ED 017173, 1968.
- International Central Institution for Youth and Educational TV (Ed.). Bibliographie-Fernsehen und Erwachsenenbildung. ERIC, ED 017174, 1968.
- International Central Institution for Youth and Educational TV (Ed.). Bibliographie-Schulfernsehen. ERIC, ED 017175, 1968.
- International Central Institution for Youth and Educational TV (Ed.). Bibliographie-Fernsehen u. Jugend. . ERIC, ED 017176, 1968.
- Jacobs, J. N. & Bollenbacher, Joan K. An experimental study of the effectiveness of television versus classroom instruction in sixth grade science in the Cincinnati Public Schools: 1956-1957. J. educ. Res., 1959, 52, 184-189.
- Jacobs, J. N. et al. Teaching seventh-grade mathematics by television to homogeneously grouped below-average pupils. Math. Teacher, 1961, 59, 551-555.
- Jewett, R. E. The effects of television teaching on the classroom teacher. Educ. Res. Bull., 1961, 6, 141-145+168.
- Klasek, C. Television adds efficiency to teaching. Sch. Mgmt, 1965, 9, 122-124.
- Lenihan, K. & Menzel, H. The utilization of classroom TV. ERIC, ED 015641, 1968.
- Lincoln, W. A. TV in the junior-senior high school investigations into the use of instructional TV within the classroom. ERIC, EP 011430, 1969.
- Mc Grane, J. F. & Baron, M. L. A comparison of learning resulting from motion-picture projector and from closed-circuit TV presentations. J. Soc. Motion Pict. TV Engineers, 1959, 68, 824-827.
- Mialaret, G. The psychology of the use of audio-visual aids in primary education. Monographs on education. ERIC, ED 017202, 1968.
- Milwaukee Public Schools (Ed.). Foreign language for you: a teacher guide to Spanish. Sem. I and II, Instr. TV for the 5th grade. ERIC, ED 027798, 1969.
- Milwaukee Public Schools (Ed.). Foreign language for you: a teacher guide to Spanish. Sem. III and IV, Instr. TV for the sixth grade. ERIC, ED 027799, 1969.
- Moskowitz, Gertrude. TV versus classroom instruction in foreign language: A study of elementary school children's attitudes. J. exp. Educ., 1964, 33, 175-182.
- Nasca, D. How good is TV for teaching science? AV Instr., 1961, 6, 452-453.

- Nathanson, N.H. "Once upon a day", a series of videotaped TV programmes for children. ERIC, ED 014897, 1968.
- National Center for School and College TV. Guidelines for art instruction through TV for the elementary schools. ERIC. ED 019861, 1968.
- Neale, D. C. Student ratings of televised classroom demonstrations. J. educ. Res., 1967, 60(6), 391.
- Orr, D.B. Evaluation of televised instruction. AV Comm. Rev., 1966, 14, 363-370.
- Rottman, L.H. & Keepers, G.L. The effectiveness of television instruction in science. New Mexico Soc. for the Study of Educ. educ. Res. Bull., 1963, 1-6.
- Royds, A. An investigation into the efficiency of schools television lessons in the teaching of elementary science. Brit. J. educ. Psychol., 1963, 33, 327.
- Sallee, J. Television is a teacher's tool. Sch. Mgmt, 1965, 9, 121-122.
- Schwarzwalder, J. C. An investigation of the relative effectiveness of certain specific TV techniques on learning. Final Report. ERIC. ED 014913, 1968.
- Skinner, R., Jr. An experimental study of the effects of different combinations of TV presentations and classroom teacher Follow-up on the achievement and interest in science of fifth graders. ERIC. ED 026265, 1969.
- Smith, Mary H. (Ed.) Using television in the classroom. New York, N. Y.: McGraw-Hill, 1961, 118 pp.
- Sogang Jesuit College, Seoul (Ed.) South Korea. A fact sheet concerning CCI-TV for English language teaching. ERIC. ED 020490, 1968.
- Staudacher, J. et al. Student learning from TV-ed materials in tradit. classrooms.... compared with... ERIC. ED 018018, 1968.
- Streit, W.K. Pointers on effective TV instruction. Ohio Sch., 1962, 40, 34-35.
- Suchy, R.R. New mathematics: Television as a classroom tool. AV Instr., 1962, 7, 152-153.
- Tyler, I.K. Television frees the teacher. Educ. Res. Bull., 1960, 7, 169-178.
- Virgine, Sister Mary. Closed Circuit TV in elementary school. Cath. Sch. J., 1962, 62, 29-30.
- Wedell, E.G. & Perraton, H.D. Teaching at a distance; an appraisal of the coordinated teaching of 0 level physics using TV, correspondence and special aids. ERIC. ED 021199, 1969.

3.2. INSTRUCTIONAL TELEVISION (ITV) IN COLLEGE AND UNIVERSITY

- Alexander, F.D. et al. TV educational function of the colleges of agriculture and home economics. Extension study, Nr. 9, parts I-VII. ERIC. ED 019580, 1968.

- Association of State Institutes of higher education in Colorado (Ed.) TV for higher education in Colorado - a five year plan. ERIC. ED 015642, 1968.
- Bloch, S. & Mowbray, R. M. Closed circuit television recording in undergraduate psychiatric training. Med. J. Australia, 1968, 1(13), 561-562.
- Browne, R. G. Extension services, TV instruction, and research in Virginia's institutions of higher education. Staff report Nr. 7. ERIC. ED 020461, 1968.
- Carpenter, C. R. & Greenhill, L. P. An investigation of closed-circuit television for teaching university courses. University Park, Pa.: Penn. State Univer., 1955. 102 pp.
- Carpenter, C. R. & Greenhill, L. P. Instructional television research: 2. An investigation of closed-circuit television for teaching university courses. University Park, Pa.: Penn. State Univer., 1958, 110 pp.
- Carpenter, C. R. & Greenhill, L. P. Instructional television research: II. An investigation of closed-circuit television for teaching university courses. University Park, Pa.: Penn. State Univer., 1958, 110 pp.
- Evans, R. I. Social psychology on television: Experimental programming. Amer. Psychologist, 1958, 12, 531-532.
- Forsman, Marion E. Graduate engineering education via TV. ERIC. ED 019879, 1968.
- Harrington, R. & Knoblett, J. A. Instructional closed-circuit television: a case study. J. educ. Res., 1968, 62(9), 40-45.
- Henderson J. M. & Griffey, B. Production of CCTV programs for improving instruction in professional health and physical education courses at the undergraduate level. ERIC. EP 011150, 1968.
- Hill, W. H. An analysis of the radio-TV training programs in institutions of higher education. ERIC. ED 018723, 1968.
- Husband, R. W. Television versus classroom for learning general psychology. Amer. Psychologist, 1954, 9, 181-183.
- Irwin, J. W. & Aronson, A. E. A comparison of the effectiveness of a live conventional lecture versus a highly visualized film presentation in television teaching at the college level as measured by an objective verbal examination and by a film examination. Madison, Wisc.: Univer. Wisconsin Television Lab., 1958. 28 pp.
- Mc Intyre, C. J. & Greenhill, L. P. The role of closed-circuit television in university resident instruction. Amer. Psychologist, 1955, 10, 598-601.
- Mc Intyre, J. & Kerth, D. In focus for college classes. J. Health Phys. Educ. Recreat., 1962, 33, 29.
- Mentzel, H. et. al. The effectiveness of the TV-ed clinical seminars of the New York Academy of Medicine. ERIC. ED 020457, 1968.
- Morrison, A. H. An experimental study utilizing CCTV in the teaching of dental techniques. ERIC. ED 019002, 1968.
- National Center for School and College TV, Bloomington, Ind. (Ed.) TV in Higher Education: Psychology; A Special report from the National Center for School and College TV. NSCT News Supplement, Nr. 9. ERIC. ED 023315, 1969.

Price, J. F. TV facilities in higher education in New York State. ERIC. ED 014873, 1968.

Smith, D. D. An evaluation of the effectiveness of television instruction at Midwestern University. J. educ. Res., 1968, 62(9), 18-24.

Trethowan, W. H. Teaching psychiatry by closed-circuit television. Brit. J. Psychiat., 1968, 114(509), 517-522.

3.3. INSTRUCTIONAL TELEVISION (ITV) IN TEACHER TRAINING

Abel, F. P. Use of CCTV in teacher education, relationship to achievement and subject matter understanding. ERIC. ED 020473, 1968.

Bjerstedt, A. Tele-auskultationer: Intern television och videobandning i lärarutbildningen (Telehospitations: Closed-circuit television and video recording in teacher training). Pedagogisk-Psykologiska Problem, 1966, 39, 18 pp.

Bjerstedt, A. Tele-observation-CCTV and videorecording in teacher training. Didakometry. ERIC. ED 017178, 1968.

Boone, J. R. & Hauser, R. A. Teaching to teach, through TV; Putnam Project. Educ. Dig., 1966, 31, 41-43.

Bosley, H. E. & Wigren, H. TV and related media in teacher education, some exemplary practices. ERIC. ED 018978, 1968.

Cobin, M. T. & Clevenger, Th., Jr. Television instruction, course content, and teaching experience level: An experimental study in the basic course in oral interpretation. Speech Monogr., 1961, 28, 16-20.

Comstock, G. & Maccoby, N. The Peace corps ETV proj. in Colombia. Two years of research. Res. rep. nr 6. Instructional TV for the in service training of the Colombian teacher. ERIC. ED 020667, 1968.

Dwight, L. A. TV in-service mathematics programs for elementary teachers. Arith. Teach., 1965, 12, 644.

Engbretson, W. & Mc Dougal, R. P. Instructional television for teacher education. Teachers Coll. J., 1963, 34, 172-177.

Fischler, S. Change in classroom behavior resulting from an in-service program utilizing television. Sch. Sci. & Math., 1967, 67, 321-324.

Gauerke, H. J. & Cardew, A. K. Teacher training via TV. Mod. Lang. J., 1963, 47, 69-70.

Gottschalk, G. H. CCTV in second semester college German. ERIC. ED 017225, 1968.

Hok, R. Testing teacher trainees by means of closed-circuit television and MLA film No. 5. Lang. Learn., 1964, 1/2, 55-59.

Kersh, B. Y. Classroom simulation: a new dimension in teacher education. Monmouth, Or., Oregon State System Higher Educ., 1963.

Klein, R. L. Audio-visual breakthrough. Ass. Stud. Teach. Yearb., 1962, 118-128.

Laird, Dorothy S. A project to test the feasibility of using TV programmed instruction in the presentation of a course in teacher education. ERIC. EP 011124, 1968.

- Löfqvist, G. Användning av ITV vid undervisning i muntlig framställning: Preliminära erfarenheter. (The use of CCTV in the training of oral production: Preliminary experiences). Pedagogisk-Psykologiska Problem, 1968, 61, 10 pp.
- Mackey, W.F. The new technology of teacher training. ERIC. ED 015696, 1968.
- Marten, J.R. CCTV as a teaching aid. ERIC. ED 016392, 1968.
- Mayer, F.C. Closed-circuit TV for in-service training. Amer. Sch. J., 1964, 148, 39.
- Mc Henry, V.A. The use of video processes in teacher education. M-Step-Monogr-1. ERIC. ED 018981, 1968.
- Morrison, J. Educational TV and audiovisual teacher training program for Title I Board of Education teachers of disadvantaged pupils in the nonpublic schools. ERIC. ED 024285, 1969
- Piety, J.W. Teachers can learn from television. Chicago Sch. J., 1963, 44, 326-327.
- Pinney, R.H. & Miltz, R.J. TV recordings and teacher education-new directions. ERIC. ED 019847, 1968.
- Rawls, J.R. & Rawls, Donna J. Evaluation of closed-circuit television in teaching educational psychology. Psychol. Rep., 1968, 22(3, Pt. 2), 1041-1044.
- Rumford, H.P. Experiments in teaching elementary school methods via closed circuit television. J. educ. Res., 1962, 56, 139-143.
- Rumford, H.P. An experiment in teaching elementary school methods via closed circuit television. J. educ. Res., 1962, 56(11), 139-143.
- Smith, G.L. Inservice education by ETV: experiences at Greenville. Nat. Ass. Sec. Sch. Prin. Bull., 1966, 50, 182-188.
- Smith, J.G. Teaching teachers on television. High Points, 1961, 43, 15-21.
- Stoller, N. Television for teacher education. Nat. Comm. Teach. Educ. Prof. Stand. Off. Rep., 1963, 63-77.
- Suchy, R.R. CO-OP ITV for in-service teacher training. Amer. Sch. Bd. J., 1965, 151, 31.
- Tarbet, P.G. Use of television in in-service education. High Sch. J., 1963, 47, 112-117.
- Warfield, J.W. Teaching teachers TV teamwork. Improv. Coll. Univer. Teach., 1965, 13, 97-99.
- Weiss, D. Closed-circuit television and teacher education. Educ. Forum, 1962, 26, 229-231.
- Wigren, H.E. NEA television in-service conference. AV Instr., 1965, 10, 556.
- Woodward, J.C. Use of television in teacher education. J. Teach. Educ., 1964, 15, 56-60.

3.4. TELEVISION (TV) AS A SPECIAL RESEARCH INSTRUMENT IN EDUCATIONAL AND PSYCHOLOGICAL RESEARCH

- Altenhein, M.R. CCTV or classroom observation: which shall it be? Peabody J. Educ., 1963, 40, 296-300.
- American Psychological Association & National Education Television. (Ed.) Focus on behavior. J. educ. Res., 1963, 57(12), 222.
- Arons, L. & May, M.A. (Eds.) Television and human behavior. New York, N. Y.: Appleton-Century-Crofts, 1963. 307 pp.
- Aserlind, L. Audiovisual instruction for the mentally retarded. AV Instr., 1966, 11(9), 727-730.
- Belson, W.A. The impact of TV. Methods and findings in program research. ERIC. ED 019860, 1968.
- Bern, H.A. Improving the quality of teacher performance by the use of the video-tape recorder. Final report. ERIC. ED 019887, 1968.
- Borg, W. et al. The effects of videotape feedback and micro-teaching in a teacher training model. ERIC. ED 024650, 1969.
- Broyles, G.E. Learning models for television: Improving the program content. AV Instr., 1967, 12(9), 917-920.
- Chaber, A.M. Experiment with CCTV in teacher education. Peabody J. Educ., 1962, 40, 24-30.
- College and University Business, (Ed.) Chicago, Ill. Factors you must consider when designing TV studies. ERIC, ED 022349, 1969.
- Comstock, G. & Maccoby, N. The Peace corps ETV project in Colombia- two years of res. Res. rep. nr 10, feedback to the Peace corps on Project Progress-some models and suggestions. ERIC. ED 020669, 1968.
- Copeland, J. B. An investigation of four TV teaching feedback techniques via a CCTV system. ERIC. ED 027486, 1969.
- Cress, G. C., Jr. & Kropper, G. L. Studies in TV-ed instruction: Individualizing group instruction. 4. A summary report. ERIC. ED 025157, 1969.
- Curtis, H.A. & Kropp, P.R. Standard and visual administrations of the Concept Mastery Test. AV Comm. Rev., 1962, 10, 38-42.
- DeFleur, M.L. & DeFleur, Lois B. The relative contribution of television as a learning source for children's occupational knowledge. Amer. sociol. Rev., 1967, 32(5), 777-789.
- Dewan, S.S. & Kulkarni, S.S. The use of programmed learning procedures to improve televised instruction. Indian edu. Rev., 1967, 2(1), 73-79.
- Dieker, R.J. Repeated self-viewing on CCTV as it effects changes in students' awareness of themselves as speakers. ERIC. EP 011036, 1968.
- Fellows, B.J. & Apter, M.J. An experimental study of three variables in the presentation of audio-visual teaching programs. Programmed Learning, 1967, 1, 19-28.
- Flatt, J. L. The relative effectiveness of three types of follow-up when teaching remedial mathematics by television. Programmed Learning, 1967, 1, 65.

- Fleming, G. The structured response-evoking potential of organized visual communicators. ERIC, ED 024290, 1969.
- Fuller, Frances F., Menaker, Shirley L., Peck, R. F. & Bown, O. H. Influence of counseling and film feedback on openness to pupil feedback in elementary teachers' filmed behavior. Proceed. of the 75th Ann. Conv. of the A. P. A., 1967, 2, 359-360.
- Galfo, A. J. A study of the effects on pupil achievements of certain audio-visual presentation sequences. ERIC, EP 010945, 1967.
- Gausewitz, C. H. Space for audio-visual large group instruction. ERIC, ED 017120, 1968.
- Georgiady, N. P., Romano, L. G. & Wittich, W. A. Increased learning through the multimedia approach. AV Instr., 1967, 12(3), 250-251, 253.
- Goldstein, E. Selective audio-visual instruction for mentally retarded pupils. ERIC, ED 012118, 1967.
- Goyer, R. S. & Harlan, E. R. Some effects of TV-ed instruction on a basic speech course. ERIC, ED 026380, 1969.
- Gropper, G. L. The role of visuals in verbal learning. Studies in televised instruction. An interim report. ERIC, ED 017187, 1968.
- Gropper, G. L. Programming visual presentation for procedural learning. Studies in televised instruction. Final report. ERIC, ED 017162, 1968.
- Guba, E. G. Measuring the effectiveness of instructional television. Educ. Res. Bull., 1961, 40(1), 53-61.
- Hampshire County Education Office (Ed.), Winchester/Engld. The Warblington experiment in CCTV, 1962-65. Final report. ERIC, ED 024261, 1969.
- Hayman, J. L., Jr. Viewer location and learning in instructional television. AV Comm. Rev., 1963, 11, 27-31.
- Hayman, J. L., Jr & Johnson, J. T., Jr. Exact vs varied repetition in educational television. AV Comm. Rev., 1963, 11, 96-103.
- Hayman, J. L., Jr & Johnson, J. T., Jr. A further search for elements. . . Denver-Stanford project on. . . instructional TV. ERIC, ED 018167, 1968.
- Hayman, J. L., Jr & Johnson, J. T., Jr. Audio-lingual results in the second year of research 1961-62. Denver-Stanford project in the context of instructional TV. Report nr. 8. ERIC, ED 018169, 1968.
- Hilliard, R. L. Television and education. J. higher Educ., 1958, 29, 431-436.
- Hopkins, K. D. & Lefever, D. W. Comparative learning and retention of conventional and instructional TV methods. AV Comm. Rev., 1965, 13, 28-37.
- Jewett, R. E. Effects of television teaching on the classroom teacher. Brit. educ. Res. Bull., 1961, 40, 141-145.
- Johnston, D. P. Selected aspects of Self-supervision by Student Teachers. Final report. ERIC, ED 027280, 1969.
- McDaniel, E. & Filiatreau, W. K. A comparison of television and conventional instruction as determinants of attitude change. J. educ. Res., 1965, 58(3), 293-297.

- Mayers, A. E. The effects of student location and teacher role on learning from ITV. AV Comm. Rev., 1967, 15(2), 169-179.
- Medved, Eva & Sullivan Joyce A. An experimental study of TV-ed food demonstrations to determine the effectiveness of presentation methods. ERIC. ED 016403, 1968.
- Merloo, J. A. M. Television addiction and reactive apathy. J. nerv. ment. Dis., 1954, 120, 290-291.
- Nasca, D. Science recall and closed circuit television instruction. J. educ. Res., 1965, 59, 76-79.
- Näslund, J. Experiments with Closed Circuit TV (CCTV). ERIC. ED 019001, 1968.
- Ohnmacht, F. W. Some dimensions of meaning of the concept televised instruction. Educ. psychol. Measmt, 1966, 2, 395-401.
- Rock, R. T., Duva, S. J. & Murray, J. E. Training by television: the comparative effectiveness of instruction by television, television recordings, and conventional classroom procedures. Programmed Learning, 1967, 4, 332.
- Ryan, J. Teaching and consultation by television: II. Teaching by videotape. Ment. Hospitals, 1965, 16, 101-104.
- Savitz, Roberta A. et al. Vision screening of the pre-school child, report of a study. ERIC. ED 012120, 1964.
- Scher, S. N. The Deaf: New audience for TV. AV Instr., 1967, 12(1), 47-50.
- Shalock, H. del & Beaird, J. H. Increasing prediction of teachers' classroom behavior through use of motion picture tests. Final report. ERIC. ED 021809, 1969.
- Silverman, M. Place of television in teacher education. N. Y. Soc. exp. Study Educ. Yearb., 1965, 184-185.
- Skornia, H. J. Recalling the lessons of History. ERIC. ED 026875, 1969.
- Stoller, N. et al. Comparison of methods of observation in pre-service teacher training. AV Comm. Rev., 1964, 12, 177-197.
- Stukát, K. -G. & Engström, R. TV-observations of teachers' activities in the classroom. Pedagogisk Forskning, 1967, 3, 96-117.
- Tanner, D. & Woerdehoff, F. J. Profiles of instructional methodology for selected television courses. Sch. Rev., 1964, 72, 201-208.
- Taplin, J. R. Impression of the client as a function of perception mode and clinician experience. J. counsel. Psychol.; 1968, 15(3), 211-214.
- Trow, W. C. Teacher and television. Psychol. Sch., 1967, 4(3), 246-254.
- Tucker, H., Lewis, R. B., Martin, G. L. & Over, C. H. R. Television therapy: effectiveness of closed-circuit television as a medium for therapy in treatment of mentally ill. A. M. A. Arch. Neurol. Psychiat., 1957, 77, 57-69.
- Twelker, P. A. The teaching research automated classroom (TRAC): a facility for innovative change. Programmed Learning, 1967, 4, 316-323.
- Tyler, I. K. Impact of instructional television on teaching roles and functions. AV Comm. Rev., 1962, 10, 51-57.

- Ulrich, J.H. An experimental study of the acquisition of information from three types of recorded television presentations. Speech Monogr., 1957, 24, 39-45.
- Ward, Ph.M. The use of the portable videotape recorder in helping inservice teachers' self-evaluation of their teaching behavior. ERIC, EP 011133, 1968.
- Wilmington Public Schools.(Ed.). CCTV - a tool for guidance. ERIC, ED 026663, 1969.

3.5. ATTITUDES TOWARD INSTRUCTIONAL TELEVISION (ITV) AND EDUCATIONAL TELEVISION (ETV)

- Evans, R.I. An examination of students' attitudes toward television as a medium of instruction in a psychology course. J. appl. Psychol., 1956, 40, 32-34.
- Evans, R.I., Wieland, Betty A. & Moore, C.W. The effect of experience in telecourses on attitudes toward instruction by television and impact of a controversial television program. J. appl. Psychol., 1961, 45, 11-15.
- Jacobsen, E.A. Learning attitudes and closed-circuit television. Lib. Educ., 1961, 47, 547-554.
- Miner, A.L. Teachers, students, and TV. Educ. Leadership, 1963, 20, 443-448.
- Moskowitz, Gertrude. TV versus classroom instruction in foreign language: a study of elementary school children's attitudes. J. exp. Educ., 1964, 2, 175-181.
- Neidt, C.O. & French, J.L. Reaction of high school students to television teachers. J. genet. Psychol., 1962, 100, 337-344.
- Silagyi, D.V. Pupils evaluate educational TV. Phi Delta Kappan, 1962, 43, 421-422.
- Westley, B.H. & Jacobson, H.K. Dimensions of teachers' attitudes toward instructional television. AV Comm. Rev., 1962, 10, 179-185.
- Westley, B.H. & Jacobson, H.K. Teacher participation and attitudes toward instructional television. AV Comm. Rev., 1962, 10, 328-333.
- Westley, B.H. & Jacobson, H.K. Instructional television and student attitudes toward teacher, course, and medium. AV Comm. Rev., 1963, 11, 47-60.

3.6. EDUCATIONAL TELEVISION (ETV)

- Anderson, R.S. Educational Broadcasting in Japan. ERIC, ED 026878, 1969.
- Asher, J.J. & Evans, R.I. An investigation of some aspects of the social psychological impact of an educational television program. J. appl. Psychol., 1959, 43, 166-169.
- Babcock, C.D. The realtionship of Elementary and Secondary Education to a State Communications Network serving higher education. ERIC, ED 023303, 1969.

- Barron, L. C. An evaluation of local educational extension TV programs by rural people and agriculture extension agents in the metropolitan area of Portland, Oregon. ERIC, ED 019559, 1968.
- Beulick, J. C. Coordinating television and classroom teachers. Sch. Comm., 1962, 49, 23.
- Blair, J. S., Jr. Educational TV and the identification of community educational needs. ERIC, ED 018724, 1968.
- Boettcher, K. D. An experimental program offering Junior College remedial English instruction simultaneously to High School seniors and junior College freshmen via Open Circuit TV. Final report. ERIC, ED 021559, 1969.
- Braum, C. M. et al. A national policy for educational TV. ERIC, ED 016404, 1968.
- Breitenfeld, F., Jr. An analysis of the role of principal philosophies of adult education in Educational TV programming for adults. ERIC, ED 014684, 1968.
- Bridges, C. C., Jr. An attention scale for evaluating ETV programs. J. educ. Res., 1960, 54 (12), 149-152.
- Canadian Broadcasting Corporation (Ed.). "This business of farming", 1964. A study of audience reactions to a TV-ed course of instruction for farmers in the prairie provinces of Canada. ERIC, ED 014881, 1968.
- Carlson, R. A. The creation and development of Educational TV as an institution of adult education: A case study in American history. ERIC, ED 025705, 1969.
- Central Michigan Education Resourc. Council (Ed.). Report to the central Michigan educational resources Council on the feasibility of an interconnected telecommunication system for the 39 county region of Michigan. ERIC, ED 020662, 1968.
- Central Office of Information, (Ed.), London. Educational TV in Britain. ERIC, ED 015683, 1968.
- Comstock, G. et al. The peace corps ETV project in Colombia... ERIC, ED 017185, 1968.
- Comstock, G. & Maccoby, N. The peace corps ETV proj. in Colombia - two years of res. Res. rep. nr 4. The Colombian teacher and the utilization volunteer-making ETV works in the schools of a developing country. ERIC, ED 020666, 1968.
- Comstock, G. & Maccoby, N. The peace Corps ETV project in Colombia - two years of research. Research report nr 3, improving the effectiveness of the utilization volunteer and the utilization of ETV by the Colombian teacher. ERIC, ED 020665, 1968.
- Comstock, G. & Maccoby, N. The peace corps ETV in Colombia - two years of res. Res. rep. nr 1. The project as a whole-organization, adaptation and expansion. ERIC, ED 020663, 1968.
- Comstock, G. & Maccoby, N. The peace corps ETV project in Colombia - two years of res. Res. rep. nr 2: The project's first semester-pupil achievement, teacher attitudes and the work of the utilization volunt. ERIC, ED 020664, 1968.
- Cooney, Joan. TV for pre-school children. ERIC, EP 011284, 1968.

- Corle, C. G. Mathematics teaching behavior changes made by intermediate grade teachers during a 15-week period of instruction by Educational TV. Final report. ERIC, ED 015657, 1968.
- Crane, A. & Mac Lean, M. S. Laymen versus experts; do they use the same systems of categorizing the content of educational TV? AV Comm. Rev., 1962, 10, 23-37.
- Delaney, A. A. Why teachers fear ETV. High Sch. J., 1963, 47, 40-43.
- Dimling, J. A., Jr et al. Identification and analysis of the alternatives for achieving greater TV program diversity in the United States. ERIC, EP 011276, 1968.
- Dupre, H. Comparative study of an introductory geography course on ETV and in the classroom. Sci. Educ., 1962, 46, 27.
- Engelhart, M. D. Teleclass study guide, measurement and evaluation. Chicago, Ill.: Chicago Public Schools, 1963, III+110 pp.
- Erickson, C. G. & Chausou, H. M. Chicagos TV colleges. Final report of a three years experiment of the Chicago City Junior College in offering college courses for credit via Open Circuit TV. ERIC, ED 021442, 1969.
- Evans, R. I. & Leppman, P. K. Resistance to innovation... A social psychological exploration focused on TV and the establishment... ERIC, ED 018140, 1968.
- Evans, N. D. Fifty districts in three states participate in Delaware Valley cooperative plan to serve 500.000 students. Nations Sch., 1965, 76, 64.
- Fougeyrollas, P. Television and the social education of women. A first report on the UNESCO-Senegal pilot project... ERIC, ED 018108, 1968.
- Gillis, E. H. In ETV the teacher's the key. Ohio Sch., 1965, 44, 16-17.
- Gross, Lynne S. Experimental research in ETV. Research resumé nr 37. ERIC, ED 020681, 1968.
- Guba, E. G. Evaluation and the airborne television project. Educ. Res. Bull., 1960, 7, 179-193.
- Handcock, A. & Robinson, J. TV and social work. A case history... based on the BBC-2 TV series (in adult education) October 1965-February 1966. ERIC, ED 017753, 1968.
- Hawaii State Department of Education (Ed.). Usage and utilization of school-TV 1966-67. Based upon the ETV school canvas... ERIC, ED 017164, 1968.
- Hayman, J. L., Jr et al. Causative factors and learning related to parent participation. Denver-Stanford project on the context of instructional TV. Report nr 13. ERIC, ED 018168, 1968.
- Hayman, J. L., Jr & Johnson, J. T., Jr. Exact vs varied repetition in educational television. AV Comm. Rev., 1963, 11, 96-103.
- Hazard, P. D. How educational can television get? Engl. J., 1962, 51, 498-499.
- Her Majestys Stationery Office (Ed.). A University of the air. White paper presented to Parliament... ERIC, ED 014678, 1968.
- Hershfield, W. N. 8 rules for designing ETV into your new schools. Sch. Mgmt, 1966, 10, 112-116.

- Holmes, B. New media and the promotion on international understanding: international cooperation in school radio and television. Yearb. Educ., 1960, 572-577.
- Houk, Marian M. The contributions of four national organizations to the development of Educational TV in the US. ERIC, ED 015370, 1968.
- Hubbard, R. D. Proceedings of the New York State convocation on educational communications (New York City, November 1964). ERIC, ED 015660, 1968.
- Johnson, E. I. Public TV and public affairs education. Prepared for the task force on innovation in public affairs education. ERIC, ED 018736, 1968.
- Johnson, E. I. Extending the educational influence of TV broadcasts. ERIC, ED 018735, 1968.
- Johnson, R. A. A pilot demonstration of the application of Educational TV to the in-service training needs of teachers of the mentally retarded. Final report. ERIC, ED 025050, 1969.
- Kincaid, R. T. Some applications to TV and radio to the teaching of English as a second language in northern Nigeria. ERIC, ED 018804, 1968.
- Kirby, B. Educational TV in Jordan. ERIC, ED 027764, 1969.
- Ledford, L. E. Educational TV in the small school. ERIC, ED 020822, 1968.
- Lipson, Shirley. Airborne television: an educational experiment. Educ. Res. Bull., 1960, 6, 141-147.
- Long Beach City College (Ed.). Open Circuit TV and the Community College. ERIC, ED 025249, 1969.
- Maccoby, N. & Comstock, G. The peace Corps ETV project in Colombia--two years of research. Research report nr 3, improving the effectiveness of the utilization volunteer and the utilization of ETV by the Colombian teacher. ERIC, ED 020665, 1968.
- Maranz, I. L. Afraid of educational TV? N. Y. State Educ., 1962, 49, 32-33.
- Mason, C. C. Classroom teacher and ETV. Sch. Comm., 1962, 49, 21.
- Merrill, I. R. and Yaryan, Ruby B. Broadcast TV as an aid to continuing education. Terminal progress report. ERIC, ED 027774, 1969.
- Minnesota University (Ed.). Report of the Minnesota inter-institutional TV feasibility study. ERIC, ED 023372, 1969.
- Moss, R. "News!" A successful ETV competition in Malta. ERIC, ED 025958, 1969.
- Mukerji, Rose et al. A national demonstration project utilizing TV-ed materials for the formal education of culturally disadvantaged pre-school children. Final report. ERIC, ED 015788, 1968.
- Myers, L., Jr. Improving the quality education by identifying effective TV teachers. Final report. ERIC, ED 025493, 1969.
- National Center for School and College TV (Ed.). One week of educational TV. Nr. 4, April 17-23, 1966. ERIC, ED 019865, 1968.

- National Educational Association (Ed.). Using TV for the improvement of urban life - a project sponsored by the Nat. Educ. Association. ERIC, ED 015662, 1968.
- National Instructional TV Center (Ed.). TV in language arts education. A National instruct. TV report. ERIC, ED 027746, 1969.
- Nelson, J. L. & Linton, T. E. Educational television; its extensive adoption might result in alterations in school social structures. Clearing House, 1966, 40, 486-489.
- Oestreich, A. H. ETV and you. Educ. Screen AV Guide, 1967, 46, 26-27.
- Ofiesh, G. D. The Failure of Educational TV. ERIC, ED 026874, 1969.
- Ofiesh, G. D. ETV revisited: A reply to professor Skornia. ERIC, ED 028654, 1969.
- Page, R. Illinois Journal of Education-Illinois School and Educational TV. ERIC, ED 015666, 1968.
- Palmer, C. Teacher in a tube. Educ. Screen AV Guide, 1963, 42, 668-669.
- Postman, N. Special television class assignment. Educ. Dig., 1961, 27, 50-52.
- Reed, R. M. The Hawaii Educat. TV Network: A status report. ERIC, ED 026880, 1969.
- Rhode Island State Department of Education (Ed.). Master TV antenna system. ERIC, ED 015659, 1968.
- Royds, A. Intelligibility of schools television programmes. Brit. J. educ. Psychol., 1962, 32, 159-165.
- School Progress (Ed.). Toronto, Ont./Canada. ETV guideline series. ERIC, ED 016413, 1968.
- Schramm, W., Lyle, J. & Pool, I. de Sola-. The people look at educational television. Stanford, Calif.: Stanford Univer. Pr., 1963, 209 pp.
- Shepherd, J. et al. A comparative analysis of production techniques found in randomly-selected commercial and educational TV programs. ETV project, preliminary report nr 7. ERIC, ED 022360, 1969.
- Siebert, F. S. Use of copyrighted material for instruction through inter-institutional distribution by the TV. ERIC, ED 023302, 1969.
- Skornia, H. J. Impact of radio and television on education in U. S. A. Yearb. Educ., 1960, 156-167.
- Stanford University (Ed.), Calif. New schools for American Samoa. ERIC, ED 018085, 1968.
- Steele, R. C. Mass media in the United Kingdom: school broadcasting in sound and television. Yearb. Educ., 1960, 304-310.
- Stoltz, J. H. Educational TV in a Pacific paradise. ERIC, ED 024227, 1969.
- Stonesifer, R. J. Separation needed between ETV and ITV. AV Comm. Rev., 1966, 14, 489-497.
- Strevell, W. H. High school physics by TV - the Houston area project. ERIC, ED 011965, 1967.
- Tadros, S. An investigation upon the impact of TV upon the maturing process of the adult. ERIC, ED 016922, 1968.

- Tanner, D. Needed research in instructional television. Sch. Rev., 1961, 3, 311-321.
- Times (London) Educational Supplement (Ed.). Italy's teleschools. Times educ. Suppl., 1961, 2400, 1028.
- UNESCO. (Ed.) Radio and TV in the service of education and development in Asia... ERIC, ED 018132, 1968.
- UNESCO. (Ed.) Social education through TV, an All-India-UNESCO pilot project... ERIC, ED 018129, 1968.
- Wisconsin Coordinating Council for higher education, Madison, Wisc. (Ed.) Wisconsin Educational TV system. ERIC, ED 027730, 1969.
- Wittich, W.A. et al. Audio-visual education - a TV-ed course of instruction. Revised edition. ERIC, ED 016382, 1968.
- Wittson, C.L. Nebraska initiates cross-country TV-psychiatry; Nebraska psychiatric institute and Norfolk state hospital. Educ. Screen AV Guide, 1965, 44, 22-23.
- Wyman, R. Educational television. Instruction, 1962, 71, 53-54.
- Zetl, H.L. The use of TV in adult education: research evidence and theoretical considerations. ERIC, ED 027492, 1969.

3.7. TELEVISION: HANDBOOKS AND TECHNOLOGY

- Cosford, R.H. Radiovision. ERIC, ED 027761, 1969.
- Culkin, J.M. Guidelines for decision on television in education. Cath. Sch. J., 1962, 62, 19-23.
- Diamond, R.M. A guide to instructional TV. ERIC, ED 018138, 1968.
- Edson, A. & Chaudet, J. TV teachers: science with a showman's touch. Grade Teach., 1967, 84, 86-87.
- Educational Screen & Audio-Visual Guide (Ed.). How ETV solves observation problems. Educ. Screen and AV Guide, 1965, 44, 13.
- Finstad, A. Spectrum of electronic teaching aids in education-functions, facilities, budgets. ERIC, ED 014867, 1968.
- Frazier, A. & Wigren, H. (Eds.) Opportunities for learning: Guidelines for television. Washington, D.C.: National Educ. Ass., 1960. 80 pp.
- Fund for Media Research (Ed.), Chicago, Ill. School TV, great cities, 1967. A study of the status and needs of the schools, as served by TV in 16 great cities. ERIC, ED 019886, 1968.
- Gay-Lord, J.H. Instructional TV. A utilization guide for teachers and administrators. ERIC, ED 017182, 1968.
- Geddes, L.A. et al. A CC Data broadcast system. ERIC, ED 016399, 1968.
- Gitling, I. An amateur on TV. Amer. Psychologist, 1955, 10, 618-619.
- Goforth, J.E. Suggestions and guidelines for development facilities in schools for the deaf. ERIC, ED 028565, 1969.
- Gustavsson, K., Stannow, C. & Tanem, B. ITV-intern television. En bok om TV:s roll i undervisningen. Malmö: Hermods, 1969. 119 pp.

- Herbst, H. How do you select TV teachers? AV Instr., 1962, 7, 286-287.
- Hub Electric Company Inc. (Ed.), Chicago, Ill. Lightning systems for Educational TV. ERIC, ED 028622, 1969.
- Huebener, Th. Audio-visual techniques in teaching foreign languages: a practical handbook. New York, N. Y.: New York Univer. Pr., 1960. XII+164 pp.
- Kessler, W.J. Fundamentals of TV systems. ERIC, ED 020657, 1968.
- Lardie, K.N. From camera to screen: technical details of production and reception. Nat. Cath. Educ. Ass. Bull., 1962, 59, 329-331.
- Lewis, Ph. Education television guide book. J. educ. Res., 1961, 55(11), 142.
- Lewis, R. B. TV, or not TV, that is the question. Teachers Coll. Rec., 1962, 63, 564-569.
- Lewis, W. C. Through cable to classroom, a guide to ITV distribution systems. ERIC, ED 018952, 1968.
- Mc Bride, J. The twenty elements of Instructional TV. ERIC, ED 011782, 1967.
- Microlinks System (Ed.), Copiague, N. Y. Planning guide for 2500 megacycle ITS. ERIC, ED 017137, 1968.
- Microlinks System (Ed.), Copiague, N. Y. 8 micro-link varian 2500 megacycle ITV systems. ERIC, ED 018965, 1968.
- Otto, F. Alternative approaches to staffing the elementary foreign language program: Cost and Time vs achievement and satisfaction. ERIC, ED 027774, 1969.
- Radio Corporation of America (Ed.), Camden, N. J. A factual approach to 2500 MC. ERIC, ED 017132, 1968.
- Royds, A. Intelligibility of school television programmes. Brit. J. educ. Psychol., 1962, 32, 159-165.
- School Management (Ed.). How to get more from your best teachers. Sch. Mgmt, 1962, 6, 35-39.
- Shaw, D.K. Guidance for the classroom teacher: a television training course. Nat. Ass. Women Deans Counselors J., 1963, 26, 14-18.
- Spear, J. Creating Visuals for TV; a guide for educators. ERIC, ED 024270, 1969.
- ~~Times~~ (London) Educational Supplement (Ed.) Mobile studio trains producers. The Times educ. Suppl., 1965, 2632, 909.
- Trubov, H. Do you need an audio-visual director? Educ. Res. Bull., 1961, 8, 206-208+224.
- Wade, W. L. Television tape recording systems - a guide for school administrators. An examination of portable television tape recorders as they relate to school district needs. ERIC, ED 017192, 1968.
- Wade, W. L. TV equipment, systems, facilities and personnel - a guide for school administrators. A study prepared for the California publ. schools instructional TV committee. ERIC, ED 020670, 1968.

- Weinberg, S. L. Thoughts of a TV teacher. High Points, 1963, 45, 14-23.
- Wilbur, L. Open door G4..G1 color TV. ERIC, ED 019042, 1968.
- Witherspoon, J. F. Planning instructional TV facilities - a handbook. ERIC, EP 010836, 1967.
- Woodring, P. Television teacher. Ky Sch. J., 1961, 40, 17.
- Young, D. A. Preparing teachers to use television. J. Teach. Educ., 1962, 13, 181-186.

3. 8. TELEVISION: SURVEYS AND BIBLIOGRAPHIES

- Alter, H. C. West German TV. ERIC, ED 026885, 1969.
- Atkinson, N. J. Modern teaching aids. A practical guide to audio-visual techniques in education. London: MacLaren, 1967. 193 pp.
- Audiovisual Instruction (Ed.). Uses of TV in psychiatry. AV Instr., 1966, 11, 224-225.
- Australian Association of adult education.(Ed.) Television and adult education. Report of proceedings of the annual conference of the Australian Ass:n of adult education. ERIC, ED 018702, 1968.
- Barrington, H. A survey of instructional television researches. Educ. Res., 1965, 8, 8-25.
- Barrow, L. C., Jr & Westley, B. H. Television effects: A summary of the literature and proposed general theory. Bull. No. 9. Madison, Wisc.: Univer. Wisconsin Television Lab., 1958. 184 pp.
- BBC, London (Ed.). ETV and radio in Great Britain, present provisions and future possibilities. Papers prepared for a national conference organized jointly by the BBC and the University of Sussex (Chelwood Gate, Sussex/England). ERIC, ED 022371, 1969.
- Beaumont, A. J. A survey of some audio-visual teaching aids. Programmed Learning, 1966, 2, 127.
- Belson, W. A. The impact of television: Methods and findings in program research. Programmed Learning, 1968, 2, 189.
- Bosley, H. E. et al. Video processes in teacher education programs; scope, techniques, and assessment. Multi-state Teacher education project, Monograph III. ERIC, ED 025458, 1969.
- Bowen, C. G. & Wyman, R. New vistas for CCTV. AV Instr., 1966, 11, 188-189.
- Broadrick, K. et al. TV teachers' report. Speech Teacher, 1962, 11, 153-157.
- Bronson, V. Cooperative instruction by TV in the schools of American Samoa, an outline of the organization and procedures. ERIC, ED 020653, 1968.
- Cassirer, H. R. TV teaching today.... ERIC, ED 017199, 1968.
- Champaign Community Unit. (Ed.) 4 School Distr., Ill. Vision and hearing screening in the Champaigne community schools... ERIC, ED 017094, 1968.

- Cincinnati Public Schools, (Ed.) Cinc., Ohio. Five years research in TV instruction in the Cincinnati publ. schools. ERIC, ED 017171, 1968.
- Council of Europe (Ed.), Strasbourg/France. The use of CCTV in technical education. Report of the European seminar (Seraing/Belgium). ERIC, ED 020656, 1968.
- Dade County Board of Publ. Instruction (Ed.), Miami, Fla. ETV study. ERIC, ED 025945, 1969.
- Dumazedier, J. Television and popular education: a French experiment. Yearb. Educ., 1960, 540-546.
- Durnham, F. A new road to the abundant life; a survey of educational television. Amer. Psychologist, 1955, 10, 615-617.
- Electronic Industrial Association et al. (Ed.) New relationships in Instructional TV, proceedings of the conference jointly sponsored by the education sect. of the Electronic Industr. Ass. and the Instructional division of the National Ass. of educational Broadcasters. ERIC, ED 019006, 1968.
- Erickson, C.G. Closed and open-circuit television courses for college students in U.S.A. Yearb. Educ., 1960, 476-481.
- Erickson, C.G. Closed and open-circuit television courses for college students in U.S.A. Yearb. Educ., 1960, 476-481.
- Erickson, C.G. et al. Eight years of TV college - A fourth report... ERIC, ED 017195, 1968.
- Exton, Elaine. Television at work in the schools. Amer. Sch. Bd J., 1957, 134(6), 49-50.
- Farrer-Brown, L. Report of the international working group on Educational TV. ERIC, ED 015653, 1968.
- Gates, S. Teacher education in the next decade; with discussion. Teachers Coll. J., 1966, 37, 258-265.
- General Precision Inc. (Ed.), Pleasantville, N.Y.: Educational television bibliography. ERIC, ED 017126, 1968.
- Georgia State Dept. of Education (Ed.), Atlanta, Ga.: National Conference for State Dept. of Education personnel on Educational TV, a summary report. ERIC, ED 014910, 1968.
- Glassner, L.E. TV linguistic program. 1967 Report. ERIC, ED 023313, 1969.
- Gordon, G.N. Educational TV. The Library of education. ERIC, ED 025160, 1969.
- Gould, S.B. Educational television in the next decade. Educ. Res., 1963, 44, 377-385.
- Griffith, B.L. & Mac Lennan, D. Improvement of teaching by TV, proceed. of the national conference... ERIC, ED 018141, 1968.
- Hicks, E. Problems with television. Educ. Screen AV Guide, 1966, 45, 20-21.
- Himmelweit, H.T. Television, education and research. Yearb. Educ., 1960, 257-264.

- Hodgkinson, A. W. An investigation into the practice of "Screen Education" (The introduction of films and TV into education as an essential area of study). ERIC, EP 010899, 1967.
- Hollweck, L. V. An overview of educational TV. ERIC, ED 016361, 1968.
- International Central Institute for Youth and Education TV (Ed.): Instructional television in Germany. ERIC, ED 017173, 1968.
- International Central Institute for Youth and Education TV (Ed.): Bibliographie-Fernsehen und Erwachsenenbildung.. ERIC, ED 017174, 1968.
- International Central Institute for Youth and Education TV (Ed.): Bibliographie-Schulfernsehen.. ERIC, ED 017175, 1968.
- Jordan, J. R. The national center for school and college TV - a demonstration of a national program agency for Instruct. TV. Final report. ERIC, ED 020655, 1968.
- Jorgensen, E. S. TV for Montana education. Report of the Montana Educational TV Committee. ERIC, ED 014898, 1968.
- Keeseey, T. J. A new world. Amer. Psychologist, 1955, 10, 620-629.
- Kelly, G. A. Television and the teacher. Amer. Psychologist, 1955, 10, 590-592.
- Kindwall, Audrey. Vision screening in 4 counties of Iowa. ERIC, ED 017115, 1968.
- Koenig, A. E. & Hill, R. B. The farther vision. ETV today. ERIC, ED 020672, 1968.
- Korte, D. A. de. TV in education and training; a review of developments and applications of TV and other modern audio-visual aids. ERIC, ED 021449, 1969.
- Lehman, F. M. Are you contemplating closed-circuit TV? N. Y. State Educ., 1962, 49, 33-34.
- Leyden, R. C. 10 years of CCTV at Stephens College, 1955-1965. ERIC, ED 011770, 1967.
- Lumsdale, A. A. & May, M. A. Mass communication and educational media. Annu. Rev. Psychol., 1965, 16, 475.
- Mc Bride, Wilma. Inquiry; implications for TV-ed instruction. ERIC, ED 021472, 1969.
- Mc Kenzie, Betty et al. Report of a seminar on the NAEB. ERIC, ED 026848, 1969.
- Mc Kune, L. E. National compendium of TV-ed education. Volume 14. ERIC, ED 019856, 1968.
- Meyer, J. J. ABC's of ETV. Minn. J. Educ., 1966, 46, 37.
- Miedzinski, J. The status of Canadian Educational TV. ERIC, ED 025954, 1969.
- Mikes, D. F. Teachers in TV and other media; a survey of policies and practices. ERIC, ED 027752, 1969.
- Miller, L. Educational TV conference in Newfoundland and Labrador, an abstract of the proceedings (St Johns, Newfoundl. sept. 6-9, 66). ERIC, ED 019862, 1968.

- National Association of Educational Broadcasters (Ed.): A bibliography of educational TV and related communication systems. ERIC, ED 020652, 1968.
- National Educational Association (Ed.), Washington, DC: Annotated bibliography on TV in education. Information about educational technology. ERIC, ED 024276, 1969.
- National Institute of Mental Health (Ed.), Bethesda, Md.: Training Methodology. Part 4: Audiovisual theory, aids and equipment; an annotated bibliography. ERIC, ED 023981, 1969.
- National Instructional TV Library (Ed.), New York, N. Y.: The status of Instructional TV; a study of ITV for Elementary and Secondary schools during the first semester of the school year 1963-64, with Supplementary tables. ERIC, ED 025153, 1969.
- The Nation's Schools (Ed.). Administrators applaud ETV, including those who don't have it; school administrators opinion poll. Nations Sch., 1965, 76, 63.
- Nebraska University (Ed.), Lincoln, Nebr.: The 1968 catalog of recorded TV courses available from Great Plains instructional TV library. ERIC, ED 019007, 1968.
- New York State Education Department (Ed.), Albany: A survey and plans for improved utilization of the Educational film in the schools of New York State. ERIC, ED 011477, 1967.
- Noel, Elizabeth S. & Helmke, G. M. Instructional TV in California. A status report. ERIC, ED 021466, 1969.
- Office de Radiodiffusion - TV Francaise (Ed.), Paris/France: EBU. International conference on Educational radio and TV (3rd, Paris/France, March 1967). ERIC, ED 028641, 1969.
- Perraton, H. D. Eleven Broadcasting experiments. ERIC, ED 020467, 1968.
- Pilch, Mary M. Special education for the gifted through TV: Syllabus 1968-69. A compendium of information about a special educational TV program organized and developed for changing the productive-divergent thinking potential of gifted students in Grades 5-6-7. ERIC, ED 024279, 1969.
- Randall, E. S. Research results in three large TV-ed FLES programs. ERIC, ED 024294, 1969.
- Sands, L. B. Audio-visual procedures in teaching. New York, N. Y.: Ronald Pr. 1956. 670 pp.
- Schramm, W. Learning from instructional television. Rev. educ. Res., 1962, 2, 156-167.
- Schramm, W. A summary of the research on Instructional TV and other media research relevant to it. ERIC, EP 010844, 1967.
- Schramm, W. The effects of television on children and adolescents. An annotated bibliography with an overview... ERIC, ED 017197, 1968.
- Schramm, W. Instructional TV-promise and opportunity. ERIC, ED 019848, 1968.

- Schramm, W. Instructional television around the world. J. exp. Educ., 1968, 1, 89-94.
- Schuller, C.F. et al. Survey of audio-visual education in Hawaii... ERIC, ED 017184, 1968.
- Sherburne, E.G., Jr. Science and television. Amer. Psychologist, 1964, 19, 685-687.
- Siepmann, C.A. Television in education, today and tomorrow. Canad. Educ. Res. Dig., 1961, 1, 7-15.
- Stecklein, J.E. et al. Students enrolled in the TV college. General extension division, Fall 1965. ERIC, ED 022112, 1969.
- Stuffer, C.L. & Callejo, R.A. Preparacion, Progreso, Porvenir (Preparation for progress to the future). ERIC, ED 016063, 1968.
- Thornton, J.W., Jr & Brown, J.W. New Media and College Teaching. ERIC, ED 026863, 1969.
- Tickton, S.G. Operation of the commission on instructional technology and preparation of a report on a study of new instructional technology. ERIC, EP 011112, 1968.
- Times (London) • educational Supplement (Ed.). Students man the cameras. The Times educ. Suppl., 1966, 2646, 336.
- TV Information Office, (Ed.) New York, N.Y.: TV and Education. A bibliography. ERIC, ED 014872, 1968.
- United States Office of Education (Ed.). Eleven guidelines and five recommendations for excerpt from report. Sch. Life, 1962, 44, 26-27.
- Utah Res. Coord. unit for vocat. and techn. educ.(Ed.): Pride of performance survey. Final report. ERIC, ED 021040, 1968.
- Wade, W.L. & Wade, Serena E. A report of the national conference on the long-range financing of educational TV stations (2D, Wash. DC, March 67). ERIC, ED 015684, 1968.
- Wigren, H.E. et al. A survey of instructional CCTV 1967. ERIC, ED 016394, 1968.
- Zaitz, A.W. The history of educational TV 1932-1958. ERIC, ED 016919, 1968.

1. GENERAL ABBREVIATION INDEX

Abbreviations, English:

A and M	Agricultural and Mechanical
Abstr.	Abstract(s)
al.	alii
A. M. A.	American Medical Association
Amer.	American
Ann.	Annals
Annu.	Annual
A. P. A.	American Psychological Association
appl.	applied
Arch.	Archive(s)
Arith.	Arithmetic(s)
Ariz.	Arizona
Ass.	Association
AV	Audio-Visual, audiovisual
BBC	British Broadcasting Corporation
Bd	Board
Brit.	British
Bull.	Bulletin
Canad.	Canadian
Cath.	Catholic
CC	Closed Circuit
CCTV	Closed Circuit Television
Cinc.	Cincinnati
Coll.	College
Comm.	Communication(s), Community
Conv.	Convention
Coord.	Coordinating
Counsel.	Counsellor(s)
D. C.	District of Columbia
Dept.	Department
Dig.	Digest
Dis.	Diseases; Disorders
Diss.	Dissertation(s)
EBU	European Broadcasting Union
Ed.	Editor
Eds.	Editors
educ.	educational
Educ.	Education
Elem.	Elementary
Engl.	English
ERIC	Educational Resources Information Center
ETV	Educational Television
exp.	experimental
Fla	Florida
FLES	Foreign Language in the Elementary School

Ga genet.	Georgia genetic
Hear.	Hearing
Ill. improv. Inc. Indust. instr. Instr. ITS ITV	Illinois improving Incorporated Industrial instructional Instruction Iota Tau Sigma Instructional Television
J. Jr Ky	Journal Junior Kentucky
Lab. Lang. Learn. Lib.	Laboratory Language(s) Learning Liberal
Math. Md Measmt med. Med. Ment. Mgmt Minn. mm Mod. Monogr. Mr. Mrs.	Mathematics Maryland Measurement medical Medical Mental Management Minnesota millimeters Modern Monograph(s) Mister Mistress
NAEB	National Association of Educational Broad- casters
Nat. Nebr. nerv. Neurol. Newfoundl. N. J. No. Nr NSCT	National Nebraska nervous Neurology Newfoundland New Jersey Number Number North Staffordshire County College of Techno- logy
N. Y.	New York (State)
Off. Ont. Or.	Official Ontario Oregon

Pa	Pennsylvania
Penn.	Pennsylvania
phys.	physical
physiol.	physiological
Pict.	Picture
Pr.	Press
Prin.	Principal(s)
Proceed.	Proceedings
Prof.	Profession
Psychiat.	Psychiatry
psychiat.	psychiatric
Psychol.	Psychology
psychol.	psychological
publ.	public
Publ.	Public
Rec.	Record
Recreat.	Recreation
Rep.	Report(s)
Res.	Research
Rev.	Review
Sch.	School(s)
Sci.	Science(s)
Sec.	Secondary
Sem.	Semester
Soc.	Society
Sociol.	Sociology
sociol.	sociological
Stand.	Standard(s)
Stud.	Student(s)
Suppl.	Supplement
Teach.	Teacher(s)
techn.	technical
tradi.	traditional
TV	Television
TV-ed	Televised
Univer.	University
UNESCO	United Nations Educational, Scientific and Cultural Organization
vocat.	vocational
vs	versus
Wash.	Washington
Yearb.	Year Book

1. GENERAL ABBREVIATION INDEX

Abbreviations, German:

bayer.	bayerischen
d.	des
dargest.	dargestellt
Hrsg.	Herausgeber
phil.	philosophische
u.	und

2. SPECIAL ABBREVIATIONS INDEX: JOURNALS AND REVIEWS

<u>A. M. A. Arch. Neurol. Psychiat.</u>	"American Medical Association Archives of Neurology and Psychiatry"
<u>Amer. Psychologist</u>	"American Psychologist"
<u>Amer. Sch. J.</u>	"American School Journal"
<u>Amer. Sch. Bd J.</u>	"American School Board Journal"
<u>Amer. Sociol. Rev.</u>	"American Sociological Review"
<u>Annu. Rev. Psychol.</u>	"Annual Review of Psychology"
<u>Arith. Teach.</u>	"The Arithmetic Teacher"
<u>Ariz. Teach.</u>	"Arizona Teacher"
<u>Ass. Stud. Teach. Yearb.</u>	"Association for Student Teaching. Yearbook"
<u>AV Comm. Rev.</u>	"Audiovisual Communication Review"
<u>AV Instr.</u>	"Audiovisual Instruction"
<u>Brit. educ. Res. Bull.</u>	"British Educational Research Bulletin"
<u>Brit. J. educ. Psychol.</u>	"British Journal of Educational Psychology"
<u>Brit. J. Psychiat.</u>	"British Journal of Psychiatry"
<u>California J. educ. Res.</u>	"California Journal of Educational Research"
<u>Canad. Educ. Res. Dig.</u>	"Canadian Education and Research Digest"
<u>Cath. Sch. J.</u>	"The Catholic School Journal"
<u>Chicago Sch. J.</u>	"Chicago Schools Journal"
<u>Diss. Abstr.</u>	"Dissertation Abstracts"
<u>Educ. Dig.</u>	"The Education Digest"
<u>Educ. Forum</u>	"The Educational Forum"
<u>Educ. Leadership</u>	"Educational Leadership"
<u>Educ. psychol. Measmt</u>	"Educational and Psychological Measurement"
<u>Educ. Rec.</u>	"The Educational Record"
<u>Educ. Res.</u>	"Educational Research" (British)
<u>Educ. Res. Bull.</u>	"Educational Research Bulletin"
<u>Educ. Screen AV Guide</u>	"Educational Screen and Audio-Visual Guide"
<u>Elem. Sch. J.</u>	"The Elementary School Journal"
<u>Engl. J.</u>	"The English Journal"
<u>ERIC</u>	"Educational Resources Information Center"
<u>Grade Teach.</u>	"Grade Teacher"
<u>High Sch. J.</u>	"High School Journal"
<u>Improv. Coll. Univer. Teach.</u>	"Improving College and University Teaching"
<u>Indian educ. Rev.</u>	"Indian Educational Review"

<u>J. appl. Psychol.</u>	"Journal of Applied Psychology"
<u>J. counsel. Psychol.</u>	"Journal of Counseling Psychology"
<u>J. educ. Res.</u>	"Journal of Educational Research"
<u>J. exp. Educ.</u>	"The Journal of Experimental Education"
<u>J. genet. Psychol.</u>	"Journal of Genetic Psychology"
<u>J. Health phys. Educ. Recreat.</u>	"Journal of Health, Physical Education and Recreation"
<u>J. higher Educ.</u>	"The Journal of Higher Education"
<u>J. med. Educ.</u>	"Journal of Medical Education"
<u>J. nerv. ment. Dis.</u>	"Journal of Nervous and Mental Diseases"
<u>J. Soc. Motion Pict. TV Engineers</u>	"Journal of the Society of Motion Picture TV engineers"
<u>J. Speech Hear. Dis.</u>	"Journal of Speech and Hearing Disorders"
<u>J. Teach. Educ.</u>	"Journal of Teacher Education"
<u>Ky Sch. J.</u>	"Kentucky School Journal"
<u>Lang. Learn.</u>	"Language Learning"
<u>Lib. Educ.</u>	"Liberal Education"
<u>Math. Teacher</u>	"The Mathematics Teacher"
<u>Med. J. Australia</u>	"Medical Journal of Australia"
<u>Ment. Hospitals</u>	"Mental Hospitals"
<u>Minn. J. Educ.</u>	"Minnesota Journal of Education"
<u>Mod. Lang. J.</u>	"The Modern Language Journal"
<u>Nat. Ass. Sec. Sch. Prin. Bull.</u>	"National Association of Secondary-School Principals. Bulletin"
<u>Nat. Ass. Women Deans Counselors J.</u>	"National Association of Women Deans and Counselors: Journal"
<u>Nat. Cath. educ. Ass. Bull.</u>	"National Catholic Educational Association. Bulletin"
<u>Nat. Comm. Teach. Educ. Prof. Stand. Off. Rep.</u>	"National Commission on Teacher Education and Professional Standards. Official Report"
<u>Nation's Sch.</u>	"The Nation's Schools"
<u>New Mexico Soc. for the Study of Educ. Educ. Res. Bull.</u>	"New Mexico Society for the Study of Education. Educational Research Bulletin"
<u>N. Y. Soc. exp. Study Educ. Yearb.</u>	"New York Society for the Experimental Study of Education. Yearbook"
<u>N. Y. State Educ.</u>	"New York State Education"
<u>Ohio Sch.</u>	"Ohio Schools"
<u>Peabody J. Educ.</u>	"Peabody Journal of Education"
<u>Proceed. of the 75th Ann. Conv. of the A. P. A.</u>	"Proceedings of the 75th Annual Convention of the American Psychological Association"
<u>Psychol. Rep.</u>	"Psychological Reports"
<u>Psychol. Sch.</u>	"Psychology in the Schools"

Rev. educ. Res.
Ronald Pr.

"Review of Educational Research"
"Ronald Press"

Sch. Comm.
Sch. Life
Sch. Mgmt
Sch. Rev.
Sch. Sci. & Math.
Sci. Educ.
Speech Monogr.
Stanford Univer. Pr.

"School and Community"
"School Life"
"School Management"
"School Review"
"School Science and Mathematics"
"Science Education"
"Speech Monographs"
"Stanford University Press"

Teachers Coll. J.
Teachers Coll. Rec.
Times educ. Suppl.

"The Teachers College Journal"
"Teachers College Record"
"The Times (London) Educational Supplement"

Yearb. Educ.

"Year Book of Education"

3. AUTHORS' INDEX

Name	Section	Page
Abbott, W. P.	1. 4	7
Abel, F. P.	3. 3	19
Acheson, K. A.	1. 4	7
Adams, Mary Lourita	1. 6	10
Ady, R. W.	1. 4	7
Ahlman, Mirjam Haapanen	1. 6	10
Alexander, F. et al.	3. 2	17
Alexander, J. P.	1. 2	5
Allen, Helen M.	1. 1	3
Allred, J. D.	1. 4	7
Almstead, F. E. et al.	3. 1	15
Altenheim, M. R. et al.	3. 1	15
Altenheim, M. R.	3. 4	21
Alter, H. C.	3. 8	31
American Psychological Association	3. 4	21
Anastasow, N. J. et al.	3. 1	15
Anderson, R. S.	3. 6	24
Andrade, M. et al	3. 1	15
Arons, L.	3. 4	21
Aserlind, L.	3. 4	21
Asher, J. J. et al.	3. 6	24
Association of State Institutes of Higher Education in Colorado	3. 2	18
Atkinson, N. J.	3. 8	31
Audiovisual Instruction (Ed.)	3. 8	31
Australian Association of adult education	3. 8	31
Babcock, C. D.	3. 6	24
Baldwin, T. F.	1. 4	7
Barnes, D. L.	3. 1	15
Barrington, H.	3. 1, 3. 8	15, 31
Barron, B. G.	1. 4	7
Barron, L. C.	3. 6	25
Barrow, L. C. , Jr et al.	3. 8	31
Barson, J.	1. 6	11
Bauer, H.	2. 6	14
BBC, London (Ed.)	3. 8	31
Beaumont, A. J.	3. 8	31
Beckert, F.	2. 6	14
Behmer, D. E.	1. 4	7
Belson, W. A.	3. 4, 3. 8	21, 31
Berger, E. J.	1. 1	3
Bergsma, S. K.	1. 6	11
Bern, H. A.	3. 4	21
Beulick, J. C.	3. 6	25
Bickel, R. F.	1. 5	10
Bjerstedt, A.	3. 3	19
Blackburn, H. L.	1. 8	12
Blair, J. S. , Jr	3. 6	25
Bloch, S. et al.	3. 2	18
Boettcher, K. D.	3. 6	25
Boone, J. R. et al.	3. 3	19
Borg, W. et al.	3. 4	21

Name	Section	Page
Bosley, H. E. et al.	3.3, 3.8	19, 31
Bowen, C. G. et al.	3.8	31
Braum, C. M. et al.	3.6	25
Breitenfeld, F., Jr	3.6	25
Bridges, C. C., Jr	3.6	25
Broadrick, V. et al.	3.8	31
Bronson, V.	3.8	31
Browne, R. G.	3.2	18
Broyles, G. E.	3.1, 3.4	15, 21
Burnett, Lucille Smith	1.1	3
Burns, J. W.	1.6	11
Cameron, C. C.	3.1	15
Canadian Broadcasting Corporation (Ed.)	3.6	25
Capen, R. D.	1.2	5
Carle, A.	3.1	15
Carle, W. M.	1.1	3
Carlson, R. A.	3.6	25
Carner, R. L.	1.1	3
Carnochan, J. L., Jr	1.6	11
Carpenter, C. R. et al.	3.2	18
Cassirer, H. R.	3.8	31
Central Michigan Educat. Res. Council (Ed.)	3.6	25
Central Office of Information, Lond. (Ed.)	3.6	25
Chaber, A. M.	3.4	21
Champaign County Unit (Ed.)	3.8	31
Christenson, V. J.	1.6	11
Cincinnati Public Schools (Ed.)	3.8	32
Cobin, M. T. et al.	3.3	19
Cobrun, T. C.	3.1	15
Coldwell, M. J.	1.4	7
College and University Business (Ed.)	3.4	21
Comstock, G. et al.	3.3, 3.4, 3.6	19, 21, 25
Coody, Betty Fay Davis	1.4	8
Cook, T. G.	1.3	6
Cooksey, H. B.	1.3	6
Cooney, Joan	3.6	25
Copeland, J. B.	1.4, 3.4	8, 21
Corle, C. G.	3.6	26
Cosford, R. H.	3.7	29
Cosgrove, P. J.	1.7	12
Council of Europe (Ed.)	3.8	32
Crane, E. et al.	3.6	26
Chreshcoff, L.	3.1	15
Cress, G. C., Jr	3.4	21
Croft, W. F.	1.2	5
Culkin, J. M.	3.7	29
Curtis, H. A.	3.4	21
Dade County Board of Public Instruction (Ed.)	3.8	32
Daniels, W. F.	1.6	11
Davis, R. H. et al.	3.1	15
Debl, H.	2.6	14

Name	Section	Page
Decker, M. G.	1.1	3
DeFleur, M. L. et al.	3.4	21
Delaney, A. A.	3.6	26
Deogh, R. N.	3.1	15
DeViney, R. D.	1.3	6
Dewan, S. S. et al.	3.4	21
Diamond, R. M.	3.1, 3.7	15, 29
Dieker, R. J.	3.4	21
Dietmeier, H. J.	1.1	3
Dimling, J. A., Jr et al.	3.6	26
Doran, P. C.	1.6	11
Dumazedier, J.	3.8	32
Dunathan, A. T.	1.2	5
Dupre, H.	3.6	26
Durnham, F.	3.8	32
Duvall, W. C.	3.1	15
Dwight, L. A.	3.3	19
Eboch, S. C.	1.4	8
Eckert, G.	2.8	14
Edinger, Lois Virginia	1.4	8
Edson, A. et al.	3.7	29
Educational Screen and AV Guide (Ed.)	3.7	29
Edward, Sister Mary	3.1	15
Eltogby, H. H.	1.5	10
Engbretson, W. et al.	3.3	19
Engelhart, M. D.	3.6	26
Entorf, J. F.	1.1	3
Erickson, C. G. et al.	3.6, 3.8	26, 32
Esmond, D.	1.6	11
Evans, N. D.	3.6	26
Evans, R. I. et al.	3.2, 3.5, 3.6	18, 24, 26
Exton, Elaine	3.8	32
Farrer-Brown, L.	3.8	32
Fellows, B. J. et al.	3.4	21
Ferdun, Edrie Marlene	1.4	8
Finstad, A.	3.7	29
Fischler, S.	3.3	19
Flatt, J. L.	3.4	21
Fleming, G.	3.4	22
Ford, Marguerite Prentice	1.4	8
Forsman, Marion E.	3.2	18
Fougeyrollas, P.	3.6	26
Frazier, A. et al.	3.7	29
Freed, D. W.	1.4	8
Fritz, J. O. et al.	3.1	15
Fuller, F. F. et al.	3.4	22
Fund for Media Research (Ed.)	3.7	29
Furrer, F. H.	1.1	3

Name	Section	Page
Decker, M. G.	1.1	3
DeFleur, M. L. et al.	3.4	21
Delaney, A. A.	3.6	26
Deogh, R. N.	3.1	15
DeViney, R. D.	1.3	6
Dewan, S. S. et al.	3.4	21
Diamond, R. M.	3.1, 3.7	15, 29
Dieker, R. J.	3.4	21
Dietmeier, H. J.	1.1	3
Dimling, J. A., Jr et al.	3.6	26
Doran, P. C.	1.6	11
Dumazedier, J.	3.8	32
Dunathan, A. T.	1.2	5
Dupre, H.	3.6	26
Durnham, F.	3.8	32
Duvall, W. C.	3.1	15
Dwight, L. A.	3.3	19
Eboch, S. C.	1.4	8
Eckert, G.	2.8	14
Edinger, Lois Virginia	1.4	8
Edson, A. et al.	3.7	29
Educational Screen and AV Guide (Ed.)	3.7	29
Edward, Sister Mary	3.1	15
Eltogby, H. H.	1.5	10
Engbretson, W. et al.	3.3	19
Engelhart, M. D.	3.6	26
Entorf, J. F.	1.1	3
Erickson, C. G. et al.	3.6, 3.8	26, 32
Esmond, D.	1.6	11
Evans, N. D.	3.6	26
Evans, R. I. et al.	3.2, 3.5, 3.6	18, 24, 26
Exton, Elaine	3.8	32
Farrer-Brown, L.	3.8	32
Fellows, B. J. et al.	3.4	21
Ferdun, Edrie Marlene	1.4	8
Finstad, A.	3.7	29
Fischler, S.	3.3	19
Flatt, J. L.	3.4	21
Fleming, G.	3.4	22
Ford, Marguerite Prentice	1.4	8
Forsman, Marion E.	3.2	18
Fougeyrollas, P.	3.6	26
Frazier, A. et al.	3.7	29
Freed, D. W.	1.4	8
Fritz, J. O. et al.	3.1	15
Fuller, F. F. et al.	3.4	22
Fund for Media Research (Ed.)	3.7	29
Furrer, F. H.	1.1	3

Name	Section	Page
Gaffga, R. M.	1. 4	8
Galfo, A. J.	3. 4	22
Gates, S.	3. 8	32
Gauerke, H. J. et al.	3. 3	19
Gaughan, G. P.	1. 4	8
Gausewitz, C. H.	3. 4	22
Gay-Lord, J. H.	3. 7	29
Geddes, Dorothy Clara	1. 1	3
Geddes, L. A. et al.	3. 7	29
General Precision Inc. (Ed.)	3. 8	32
Georgia State Department of Education (Ed.)	3. 8	32
Georgiady, N. P. et al.	3. 4	22
Gillis, E. H.	3. 6	26
Gitling, I.	3. 7	29
Glassner, L. E.	3. 8	32
Glatzer, D.	2. 6	14
Goforth, J. E.	3. 7	29
Gogo, G. A.	1. 6	11
Goldstein, E.	3. 4	22
Gordon, G. N.	3. 8	32
Gordon, M. J.	3. 1	15
Gottschalk, G. H.	3. 3	19
Gould, S. B.	3. 8	32
Goyer, R. S. et al.	3. 4	22
Grant, Inez Maud	1. 3	6
Green, G. F., Jr	1. 3	6
Griffith, B. L. et al.	3. 8	32
Grills, J.	3. 1	15
Gropper, G. L.	3. 4	22
Gross, I. M.	1. 6	11
Gross, Lynne S.	1. 6, 3. 6	11, 26
Guba, E. G.	3. 1, 3. 4, 3. 6	16, 22, 26
Gunther, W. J.	1. 6	11
Gustavsson, K.	3. 7	29
Guzniczak, H. E.	3. 1	16
Hampshire County Education Office (Ed.)	3. 4	22
Handcock, A. et al.	3. 6	26
Hardenbrook, R. F.	1. 4	8
Harrington, R. et al.	3. 2	18
Hassouna, M. M.	1. 3	6
Hawaii State Department of Education (Ed.)	3. 6	26
Hayman, J. L., Jr	3. 4, 3. 6	22, 26
Hazard, P. D.	3. 6	26
Henderson, J. M. et al.	3. 2	18
Hennes, J. D.	1. 5, 3. 1	10, 16
Her Majestys Stationery Office, Lond. (Ed.)	3. 6	26
Herbst, H. R.	1. 6, 3. 7	11, 30
Hershfield, W. N.	3. 6	26
Herzig, M.	2. 6	14
Hicks, E.	3. 8	32
Hill, W. H.	3. 2	18

Name	Section	Page
Hilliard, R. L.	3.4	22
Hilton, L.	1.1	3
Himmelweit, H. T.	3.8	32
Hitchens, H. W., Jr	1.4	8
Hodgkinson, A. W.	3.8	33
Hok, R.	3.3	19
Hollweck, L. V.	3.8	33
Holmes, B.	3.6	27
Holtom, Carolyn Marjorie	1.4	8
Hopkins, K. et al.	3.4	22
Houk, Marian Mixon	1.6, 3.6	11, 27
House, R. E.	1.1	3
Hub Electric Company (Ed.)	3.7	30
Hubbard, R. D.	3.6	27
Huebener, Th.	3.7	30
Humphrey, J. W.	3.1	16
Hunter, Madeline	1.3	6
Husband, R. W.	3.2	18
International Central Institute for youth and educational TV (Ed.)	3.1, 3.8	16, 33
Irwin, J. W.	3.2	18
Jackim, H. L.	1.6	11
Jacobs, J. N. et al.	3.1	16
Jacobsen, E. A.	3.5	24
Jantzen, V. W.	1.1	3
Jerkins, K. F.	1.4	8
Jewett, R. E.	3.1, 3.4	16, 22
Johnson, E. I.	3.6	27
Johnson, R. A.	3.6	27
Johnson, Rita B.	1.3	6
Johnston, D. P.	3.4	22
Jordan, J. F.	3.8	33
Jorgensen, E. S.	3.8	33
Kaplan, R.	1.4	8
Karns, E. A.	1.5	10
Kearney, W.	1.3	6
Keeseey, T. J.	3.8	33
Kelley, C. F.	1.1	3
Kelly, G. A.	3.8	33
Kelly, J. W.	1.4	8
Kerber, J. E.	1.4	8
Kerns, H. V.	1.6	11
Kersh, B. Y.	3.3	19
Kessler, W. J.	3.7	30
Kincaid, R. T.	3.6	27
Kindvall, A.	3.8	33
Kirby, B.	3.6	27
Klasek, C.	3.1	16
Klein, R. L.	3.3	19
Knight, G. E.	1.1	3
Koenig, A. E. et al.	3.8	33
Korte, D. A. de	3.8	33
Kriebs, J. O.	1.4	8
Kuipers, R. H.	1.1	4
König, L.	2.1	14

Name	Section	Page
Laird, Dorothy S.	3.3	19
La Penna, R. J.	1.3	6
Lardie, K. N.	3.7	30
Law, G.	1.2	5
Ledford, L. E.	3.6	27
Lehman, F. M.	3.8	33
Lemke, Olga Marie	1.1	4
Lenihan, K. et al.	3.1	16
Lewis, Ph.	3.7	30
Lewis, R. B.	3.7	30
Lewis, W. C.	3.7	30
Leyden, R. C.	3.8	33
Lincoln, W. A.	3.1	16
Lindeman, L. R.	1.1	4
Lipson, Shirley	3.6	27
Long Beach City College (Ed.)	3.6	27
Lorenz, R. B.	1.2	5
Luminati, C. E.	1.1	4
Lumsdale, A. A. et al.	3.8	33
Löfqvist, G.	3.3	20
Mc Arthur, J. B.	1.1	4
Mc Bride, J.	3.7	30
Mc Bride, Vilma	3.8	33
Maccoby, N. et al.	3.6	27
Mc Daniel, E. et al.	3.4	22
Mc Grane, J. F. et al.	3.1	11
Mc Grath, H. M.	1.2	5
Mac Graw, F. M., Jr	1.4	9
Mc Henry, V. A.	3.3	20
Mc Intyre, C. J. et al.	3.2	18
Mc Kenzie, Betty et al.	3.8	33
Mackey, W. F.	3.3	20
Mc Kune	3.8	33
Mac Phail, N. B.	1.3	6
Mahmoudi, K. M.	1.6	11
Manwaring, J. L.	1.6	12
Maranz, J. L.	3.6	27
Marten, J. R.	3.3	20
Martin, Carol Lee	1.4	9
Mason, C. C.	3.6	27
Matteoni, Louise	1.1	4
May, L. L.	1.3	6
Mayer, F. C.	3.3	20
Mayers, A. E.	1.4, 3.4	9, 23
Medved, Eva et al.	3.4	23
Meier, W. H.	1.4	9
Mentzel, H. et al.	3.2	18
Merloo, J. A.	3.4	23
Merrill, J. R. et al.	3.6	27
Meyer, J. J.	3.8	33
Meyer, R. J.	1.8	9
Mialaret, G.	3.1	16
Microlinks System, Inc. (Ed.)	3.7	30

Name	Section	Page
Miedzinski, J.	3.8	33
Mikes, D. F.	3.8	33
Miller, C.	3.8	33
Miller, T. E.	1.2	5
Milwaukee Public Schools (Ed.)	3.1	16
Miner, A. L.	3.5	24
Minnesota University (Ed.)	3.6	27
Minskoff, Esther Hirsch	1.4	9
Mizer, O. J.	1.3	6
Monroe, Florence Mae	1.8	13
Moosally, Beatrice Tolppi	1.4	9
Morgan, J. D.	1.1	4
Morrill, R. E.	1.1	4
Morrison, A. H.	3.2	18
Morrison, J.	3.3	20
Moskowitz, Gertrude	3.1, 3.5	16, 24
Moss, R.	3.6	27
Mukerji, Rose et al.	3.6	27
Munson, A., Jr	1.6	12
Muntone, J. C.	1.5	10
Murphy, Beatrice S.	1.3	7
Myers, L., Jr	3.6	27
Nasca, D.	3.1, 3.4	16, 23
Nash, A. H.	1.6	12
Nathanson, N. H.	3.1	17
National Association of educational broadcasters (Ed.)	3.8	34
National Center for School and College TV (Ed.)	3.1, 3.6	17, 27
National Educational Association (Ed.)	3.6, 3.8	28, 34
National Institute of mental health (Ed.)	3.8	34
National Instructional TV Center (Ed.)	3.6	28
National Instructional TV Library (Ed.)	3.8	34
Nations Schools (Ed.)	3.8	34
Nazarian, J.	1.1	4
Neale, D. C.	3.1	17
Nebraska University (Ed.)	3.8	34
Neidt, C. O. et al.	3.5	24
Nelson, J. L. et al.	3.6	28
Nelson, R. J.	1.1	4
New York State Education Department (Ed.)	3.8	34
Noel, Elizabeth et al.	3.8	34
Näslund, J.	3.4	23
Oestreich, A. H.	3.6	28
Ofiesh, G. D.	3.6	28
Office de Radiodiffusion-TV, Paris (Ed.)	3.8	34
Ohnmacht, F. W.	3.4	23
Olivero, J. L.	1.4	9
Orr, D. B.	3.1	17
Otto, F.	3.7	30
Otto, F. R.	1.1	4

Name	Section	Page
Pagano, A. V.	1.4	9
Page, R.	3.6	28
Palmer, C.	3.6	28
Patron, Josefina Soldevilla	1.5	10
Patty, A. H.	1.2	5
Pepperman, C. W.	1.4	9
Perraton, H. D.	3.8	34
Pehthel, R. D.	1.2	5
Piety, J. W.	3.3	20
Pilch, Mary M.	3.8	34
Pinney, R. H. et al.	3.3	20
Pinto de Lemos, Thereza Pontual	1.4	9
Planine, C. M.	1.1	4
Plese, E. R.	1.1	4
Plimpton, H. W., Jr	1.3	7
Pollock, E. W.	1.8	13
Postman, N.	3.6	28
Price, J. F.	3.2	19
Quirk, Sister Mary Richardine	1.1	4
Radio Corporation of America (Ed.)	3.7	30
Randall, E. S.	3.8	34
Rapp, W. E.	1.6	12
Rawls, J. R. et al.	3.3	20
Rayburn, J. G.	1.1	4
Reed, R. M.	3.6	28
Reese, H. J.	1.6	12
Reinisch, L.	2.6	14
Reynolds, G. W., Jr	1.4	9
Rhode Island State Department of Education (Ed.)	3.6	28
Rich, O. S.	1.2	5
Rock, R. T. et al.	3.4	23
Roman, A. F.	1.8	13
Ronald, T. J.	1.2	5
Rottman, L. H. et al.	3.1	17
Roulx, K. R.	1.4	9
Royds, A.	3.1, 3.6, 3.7	17, 28, 30
Rowe, R. C.	1.6	12
Ruffing, C. S.	1.8	13
Rumford, H. P.	3.3	20
Ryan, J.	3.4	23
Sahar, H.	1.6	12
Sallee, J.	3.1	17
Sands, L. B.	3.8	34
Savitz, Roberta A. et al.	3.4	23
Scheer, S. N.	3.4	23
Schlater, R. W.	1.4	9
School Management (Ed.)	3.7	30
School Progress (Ed.)	3.6	28
Schramm, W.	3.6, 3.8	28, 34, 35
Schuller, C. F. et al.	3.8	35
Schwarzwalder, J. C.	3.1	17
Setzen, K.	2.6	14

Name	Section	Page
Shalock, H. del et al.	3.4	23
Shaw, D.K.	3.7	30
Shepherd, G.D.	1.1	4
Shepherd, J. et al.	3.6	28
Sherburne, E.G., Jr	3.8	35
Siebert, F.S.	3.6	28
Siepmann, C.A.	3.8	35
Silagyi, D.V.	3.5	24
Silverman, M.	3.4	23
Skinner, R., Jr	1.1, 3.1	5, 17
Skornia, H.J.	3.4, 3.6	23, 28
Smagorinsky, M.P.	1.4	9
Smith, D.D.	3.2	19
Smith, G.L.	3.3	20
Smith, J.G.	3.3	20
Smith, Mary Howard	1.2, 3.1	5, 17
Sogang Jesuit College, Seoul (Ed.)	3.1	17
Spear, J.	3.7	30
Springman, D.B.	1.3	7
Stanford University (Ed.)	3.6	28
Staudacher, J. et al.	3.1	17
Stecklein, J.E. et al.	3.8	35
Steele, R.C.	3.6	28
Stephens, Darleen Bell.	1.6	12
Stevens, H.	1.6	12
Stickell, D.W.	1.8	13
Stoller, N.	3.3, 3.4	20, 23
Stoltz, J.H.	3.6	28
Stonesifer, R.J.	3.6	28
Streit, W.K.	3.1	17
Strevell, W.H.	3.6	28
Stuffer, C.L. et al.	3.8	35
Stukat, K.G. et al.	3.4	23
Suchy, R.R.	3.1, 3.3	17, 20
Sykes, R.E.	1.3	7
Tadros, S.	3.6	28
Tanner, D.	3.4, 3.6	23, 29
Taplin, J.R.	3.4	23
Tarbet, P.G.	3.3	20
Thornton, J.W., Jr et al.	3.8	35
Tickton, S.G.	3.8	35
Tiemann, P.W.	1.2	6
Tillotson, J.H.	1.5	10
Times, Lond., Educational Supplement (Ed.)	3.6, 3.7, 3.8	29, 30, 35
Trethowan, W.H.	3.2	19
Trow, W.C.	3.4	23
Trubov, H.	3.7	30
Tucker, H. et al.	3.4	23
Tuttle, E.A.	1.4	9
TV Information Office (Ed.)	3.8	35
Twelker, P.A.	3.4	23
Tyler, I.K.	3.1, 3.4	17, 23

Name	Section	Page
Ulrich, J. H.	3. 4	24
UNESCO (Ed.)	3. 6	29
United States Office of Education (Ed.)	3. 8	35
Unruh, W. R.	1. 4	9
Utah Research Coordinating Institute (Ed.)	3. 8	35
Vera, J. M. de,	1. 8	13
Virgine, Sister Mary	3. 1	17
Wade, W. L.	3. 7, 3. 8	30, 35
Walton, N. R.	1. 2	6
Ward, G. R.	1. 4	9
Ward, Ph. M.	3. 4	24
Warfield, J. W.	3. 3	20
Wedell, E. G. et al.	3. 1	17
Weinberg, S. L.	3. 7	31
Weiss, D.	3. 3	20
Weldon, E. S.	1. 5	10
Welliver, P. W.	1. 1	5
West, L. C.	1. 3	7
Westley, B. H. et al.	3. 5	24
White, Marjorie Ann.	1. 5	10
Wick, D. T.	1. 4	9
Wigren, H.	3. 3, 3. 8	20, 35
Wilbur, L.	3. 7	31
Wilmington Public Schools (Ed.)	3. 4	24
Winfield, K.	1. 6	12
Wisconsin Coordinating Council (Ed.)	3. 6	29
Witherspoon, J. F.	3. 7	31
Wittich, W. A. et al.	3. 6	29
Wittson, C. L.	3. 6	29
Woodring, P.	3. 7	31
Woodward, J. C.	3. 3	20
Worrall, R. P.	1. 3	7
Wright, D. L.	1. 4	10
Wylie, D. G.	1. 4	6
Wyman, R.	3. 6	29
Young, D. A.	3. 7	31
Young, D. B.	1. 4	10
Zaitz, A. W.	3. 8	35
Zettl, H. L.	1. 6, 3. 6	12, 29